

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM185R61A105KE26_	GRM033R61A105ME01_	· LW size:1608M(0603inch) to 0603M(0201inch) · T size(Max):0.50mm to 0.35mm · Capacitance Tolerance:±10% to ±20%
	GRM185R61A105KE36_	GRM033R61A105ME01_	· LW size:1608M(0603inch) to 0603M(0201inch) · T size(Max):0.50mm to 0.35mm · Capacitance Tolerance:±10% to ±20%
	GRM185B31A105KE25_	GRM033R61A105ME01_	· LW size:1608M(0603inch) to 0603M(0201inch) · T size(Max):0.50mm to 0.35mm · Temperature characteristics:B to X5R · Capacitance Tolerance:±10% to ±20%
	GRM185B31A105KE25_	GRM033R61A105ME01_	· LW size:1608M(0603inch) to 0603M(0201inch) · T size(Max):0.50mm to 0.35mm · Temperature characteristics:B to X5R · Capacitance Tolerance:±10% to ±20%
	GRM185B31A105KE35_	GRM033R61A105ME01_	· LW size:1608M(0603inch) to 0603M(0201inch) · T size(Max):0.50mm to 0.35mm · Temperature characteristics:B to X5R · Capacitance Tolerance:±10% to ±20%
	GRM185C80G225KE26_	GRM033C80G225ME01_	· LW size:1608M(0603inch) to 0603M(0201inch) · T size(Max):0.50mm to 0.39mm
	GRM185C80J105ME26_	GRM033C80J105ME05_	· LW size:1608M(0603inch) to 0603M(0201inch) · T size(Max):0.50mm to 0.39mm
	GRM188R61A124KA01_	GRM033R61A224KE90_	· LW size:1608M(0603inch) to 0603M(0201inch) · T size(Max):0.90mm to 0.33mm · Capacitance:0.12uF to 0.22uF
	GRM188R61A124MA01_	GRM033R61A224ME90_	· LW size:1608M(0603inch) to 0603M(0201inch) · T size(Max):0.90mm to 0.33mm · Capacitance:0.12uF to 0.22uF
	GRM188R61A154KA01_	GRM033R61A224KE90_	· LW size:1608M(0603inch) to 0603M(0201inch) · T size(Max):0.90mm to 0.33mm · Capacitance:0.15uF to 0.22uF
	GRM188R61A154MA01_	GRM033R61A224ME90_	· LW size:1608M(0603inch) to 0603M(0201inch) · T size(Max):0.90mm to 0.33mm · Capacitance:0.15uF to 0.22uF
	GRM188R61A184KA01_	GRM033R61A224KE90_	· LW size:1608M(0603inch) to 0603M(0201inch) · T size(Max):0.90mm to 0.33mm · Capacitance:0.18uF to 0.22uF
	GRM188R61A184MA01_	GRM033R61A224ME90_	· LW size:1608M(0603inch) to 0603M(0201inch) · T size(Max):0.90mm to 0.33mm · Capacitance:0.18uF to 0.22uF
	GRM188B11A124KA01_	GRM033R61A224KE90_	· LW size:1608M(0603inch) to 0603M(0201inch) · T size(Max):0.90mm to 0.33mm · Temperature characteristics:B to X5R · Capacitance:0.12uF to 0.22uF
	GRM188B11A124KA01_	GRM033R61A224KE90_	· LW size:1608M(0603inch) to 0603M(0201inch) · T size(Max):0.90mm to 0.33mm · Temperature characteristics:B to X5R · Capacitance:0.12uF to 0.22uF
	GRM188B11A124KA01_	GRM033R61A224KE90_	· LW size:1608M(0603inch) to 0603M(0201inch) · T size(Max):0.90mm to 0.33mm · Temperature characteristics:B to X5R · Capacitance:0.12uF to 0.22uF
	GRM188B11A124MA01_	GRM033R61A224ME90_	· LW size:1608M(0603inch) to 0603M(0201inch) · T size(Max):0.90mm to 0.33mm · Temperature characteristics:B to X5R · Capacitance:0.12uF to 0.22uF

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM188B11A154KA01_	GRM033R61A224KE90_	・ LW size:1608M(0603inch) to 0603M(0201inch) ・ T size(Max):0.90mm to 0.33mm ・ Temperature characteristics:B to X5R ・ Capacitance:0.15uF to 0.22uF
	GRM188B11A154KA01_	GRM033R61A224KE90_	・ LW size:1608M(0603inch) to 0603M(0201inch) ・ T size(Max):0.90mm to 0.33mm ・ Temperature characteristics:B to X5R ・ Capacitance:0.15uF to 0.22uF
	GRM188B11A154KA01_	GRM033R61A224KE90_	・ LW size:1608M(0603inch) to 0603M(0201inch) ・ T size(Max):0.90mm to 0.33mm ・ Temperature characteristics:B to X5R ・ Capacitance:0.15uF to 0.22uF
	GRM188B11A154KA01_	GRM033R61A224KE90_	・ LW size:1608M(0603inch) to 0603M(0201inch) ・ T size(Max):0.90mm to 0.33mm ・ Temperature characteristics:B to X5R ・ Capacitance:0.15uF to 0.22uF
	GRM188B11A154KC01_	GRM033R61A224KE90_	・ LW size:1608M(0603inch) to 0603M(0201inch) ・ T size(Max):0.90mm to 0.33mm ・ Temperature characteristics:B to X5R ・ Capacitance:0.15uF to 0.22uF
	GRM188B11A154MA01_	GRM033R61A224ME90_	・ LW size:1608M(0603inch) to 0603M(0201inch) ・ T size(Max):0.90mm to 0.33mm ・ Temperature characteristics:B to X5R ・ Capacitance:0.15uF to 0.22uF
	GRM188B11A184KA01_	GRM033R61A224KE90_	・ LW size:1608M(0603inch) to 0603M(0201inch) ・ T size(Max):0.90mm to 0.33mm ・ Temperature characteristics:B to X5R ・ Capacitance:0.18uF to 0.22uF
	GRM188B11A184KA01_	GRM033R61A224KE90_	・ LW size:1608M(0603inch) to 0603M(0201inch) ・ T size(Max):0.90mm to 0.33mm ・ Temperature characteristics:B to X5R ・ Capacitance:0.18uF to 0.22uF
	GRM188B11A184KA01_	GRM033R61A224KE90_	・ LW size:1608M(0603inch) to 0603M(0201inch) ・ T size(Max):0.90mm to 0.33mm ・ Temperature characteristics:B to X5R ・ Capacitance:0.18uF to 0.22uF
	GRM188B11A184MA01_	GRM033R61A224ME90_	・ LW size:1608M(0603inch) to 0603M(0201inch) ・ T size(Max):0.90mm to 0.33mm ・ Temperature characteristics:B to X5R ・ Capacitance:0.18uF to 0.22uF
	GRM185R61E105KA12_	GRM155R61E105KA12_	・ LW size:1608M(0603inch) to 1005M(0402inch)
	GRM185R61E105MA12_	GRM155R61E105MA12_	・ LW size:1608M(0603inch) to 1005M(0402inch)
	GRM185C80G225ME26_	GRM155C80G225ME15_	・ LW size:1608M(0603inch) to 1005M(0402inch)
	GRM185R61A225KE43_	GRM155R61A225KE01_	・ LW size:1608M(0603inch) to 1005M(0402inch)
	GRM185R61A225ME43_	GRM155R61A225ME01_	・ LW size:1608M(0603inch) to 1005M(0402inch)
	GRM185R60G475ME15_	GRM155R60G475ME47_	・ LW size:1608M(0603inch) to 1005M(0402inch)
	GRM185R60J475ME15_	GRM155R60J475ME47_	・ LW size:1608M(0603inch) to 1005M(0402inch)

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM185R60J475ME15_	GRM155R60J475ME47_	・ LW size:1608M(0603inch) to 1005M(0402inch)
	GRM185R60J475ME15_	GRM155R60J475ME47_	・ LW size:1608M(0603inch) to 1005M(0402inch)
	GRM185C80J105KE26_	GRM155C80J105KA12_	・ LW size:1608M(0603inch) to 1005M(0402inch)
	GRM185C80J105KE26_	GRM155C80J105KA12_	・ LW size:1608M(0603inch) to 1005M(0402inch)
	GRM185C81A105KE36_	GRM155C81A105KA12_	・ LW size:1608M(0603inch) to 1005M(0402inch)
	GRM185C81A105ME36_	GRM155C81A105MA12_	・ LW size:1608M(0603inch) to 1005M(0402inch)
	GRM185R61C105KE44_	GRM155R61C105KA12_	・ LW size:1608M(0603inch) to 1005M(0402inch)
	GRM185R61C105KE44_	GRM155R61C105KA12_	・ LW size:1608M(0603inch) to 1005M(0402inch)
	GRM185R61C105KE44_	GRM155R61C105KA12_	・ LW size:1608M(0603inch) to 1005M(0402inch)
	GRM185R61C105ME44_	GRM155R61C105MA12_	・ LW size:1608M(0603inch) to 1005M(0402inch)
	GRM185R60J225KE26_	GRM155R60J225KE01_	・ LW size:1608M(0603inch) to 1005M(0402inch)
	GRM185R60J225KE26_	GRM155R60J225KE01_	・ LW size:1608M(0603inch) to 1005M(0402inch)
	GRM185R60J225KE63_	GRM155R60J225KE01_	・ LW size:1608M(0603inch) to 1005M(0402inch)
	GRM185R60J225ME26_	GRM155R60J225ME01_	・ LW size:1608M(0603inch) to 1005M(0402inch)
	GRM185R60J225ME63_	GRM155R60J225ME01_	・ LW size:1608M(0603inch) to 1005M(0402inch)
	GRM185B31E105KA12_	GRM155R61E105KA12_	・ LW size:1608M(0603inch) to 1005M(0402inch) ・ T size(Max) ・ Temperature characteristics:B to X5R
	GRM185R60J105ME26_	GRM153R60J105ME15_	・ LW size:1608M(0603inch) to 1005M(0402inch) ・ T size(Max):0.50mm to 0.33mm

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM185R61A105ME26_	GRM153R61A105ME95_	· LW size:1608M(0603inch) to 1005M(0402inch) · T size(Max):0.50mm to 0.33mm
	GRM185R61A105ME36_	GRM153R61A105ME95_	· LW size:1608M(0603inch) to 1005M(0402inch) · T size(Max):0.50mm to 0.33mm
	GRM185B10J105ME21_	GRM153R60J105ME15_	· LW size:1608M(0603inch) to 1005M(0402inch) · T size(Max):0.50mm to 0.33mm · Temperature characteristics:B to X5R
	GRM185B30J105ME25_	GRM153R60J105ME15_	· LW size:1608M(0603inch) to 1005M(0402inch) · T size(Max):0.50mm to 0.33mm · Temperature characteristics:B to X5R
	GRM185B31A105ME25_	GRM153R61A105ME95_	· LW size:1608M(0603inch) to 1005M(0402inch) · T size(Max):0.50mm to 0.33mm · Temperature characteristics:B to X5R
	GRM185B31A105ME35_	GRM153R61A105ME95_	· LW size:1608M(0603inch) to 1005M(0402inch) · T size(Max):0.50mm to 0.33mm · Temperature characteristics:B to X5R
	GRM188R71A224KA01_	GRM155R71A224KE01_	· LW size:1608M(0603inch) to 1005M(0402inch) · T size(Max):0.90mm to 0.55mm
	GRM188R71A224KA30_	GRM155R71A224KE01_	· LW size:1608M(0603inch) to 1005M(0402inch) · T size(Max):0.90mm to 0.55mm
	GRM188R71A224KA36_	GRM155R71A224KE01_	· LW size:1608M(0603inch) to 1005M(0402inch) · T size(Max):0.90mm to 0.55mm
	GRM188R71A224KC01_	GRM155R71A224KE01_	· LW size:1608M(0603inch) to 1005M(0402inch) · T size(Max):0.90mm to 0.55mm
	GRM188R71A224MA01_	GRM155R71A224ME01_	· LW size:1608M(0603inch) to 1005M(0402inch) · T size(Max):0.90mm to 0.55mm
	GRM188B11A224JA01_	GRM155R71A224KE01_	· LW size:1608M(0603inch) to 1005M(0402inch) · T size(Max):0.90mm to 0.55mm · Temperature characteristics:B to X7R · Capacitance Tolerance:±5% to ±10%
	GRM188R71A224JA01_	GRM155R71A224KE01_	· LW size:1608M(0603inch) to 1005M(0402inch) · T size(Max):0.90mm to 0.55mm · Capacitance Tolerance:±5% to ±10%
	GRM188R71A124KA01_	GRM155R71A224KE01_	· LW size:1608M(0603inch) to 1005M(0402inch) · T size(Max):0.90mm to 0.55mm · Capacitance:0.12uF to 0.22uF
	GRM188R71A124MA01_	GRM155R71A224ME01_	· LW size:1608M(0603inch) to 1005M(0402inch) · T size(Max):0.90mm to 0.55mm · Capacitance:0.12uF to 0.22uF
	GRM188R71A124JA01_	GRM155R71A224KE01_	· LW size:1608M(0603inch) to 1005M(0402inch) · T size(Max):0.90mm to 0.55mm · Capacitance:0.12uF to 0.22uF · Capacitance Tolerance:±5% to ±10%
	GRM188R71A154KA01_	GRM155R71A224KE01_	· LW size:1608M(0603inch) to 1005M(0402inch) · T size(Max):0.90mm to 0.55mm · Capacitance:0.15uF to 0.22uF

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM188R71A154KA36_	GRM155R71A224KE01_	· LW size:1608M(0603inch) to 1005M(0402inch) · T size(Max):0.90mm to 0.55mm · Capacitance:0.15uF to 0.22uF
	GRM188R71A154MA01_	GRM155R71A224ME01_	· LW size:1608M(0603inch) to 1005M(0402inch) · T size(Max):0.90mm to 0.55mm · Capacitance:0.15uF to 0.22uF
	GRM188R71A154JA01_	GRM155R71A224KE01_	· LW size:1608M(0603inch) to 1005M(0402inch) · T size(Max):0.90mm to 0.55mm · Capacitance:0.15uF to 0.22uF · Capacitance Tolerance:±5% to ±10%
	GRM188R71A184KA01_	GRM155R71A224KE01_	· LW size:1608M(0603inch) to 1005M(0402inch) · T size(Max):0.90mm to 0.55mm · Capacitance:0.18uF to 0.22uF
	GRM188R71A184MA01_	GRM155R71A224ME01_	· LW size:1608M(0603inch) to 1005M(0402inch) · T size(Max):0.90mm to 0.55mm · Capacitance:0.18uF to 0.22uF
	GRM188R71A184JA01_	GRM155R71A224KE01_	· LW size:1608M(0603inch) to 1005M(0402inch) · T size(Max):0.90mm to 0.55mm · Capacitance:0.18uF to 0.22uF · Capacitance Tolerance:±5% to ±10%
	GRM188B11A224KA01_	GRM155R71A224KE01_	· LW size:1608M(0603inch) to 1005M(0402inch) · T size(Max):0.90mm to 0.55mm · Temperature characteristics:B to X7R
	GRM188B11A224KA01_	GRM155R71A224KE01_	· LW size:1608M(0603inch) to 1005M(0402inch) · T size(Max):0.90mm to 0.55mm · Temperature characteristics:B to X7R
	GRM188B11A224KA01_	GRM155R71A224KE01_	· LW size:1608M(0603inch) to 1005M(0402inch) · T size(Max):0.90mm to 0.55mm · Temperature characteristics:B to X7R
	GRM188B11A224KA01_	GRM155R71A224KE01_	· LW size:1608M(0603inch) to 1005M(0402inch) · T size(Max):0.90mm to 0.55mm · Temperature characteristics:B to X7R
	GRM188B11A224KA01_	GRM155R71A224KE01_	· LW size:1608M(0603inch) to 1005M(0402inch) · T size(Max):0.90mm to 0.55mm · Temperature characteristics:B to X7R
	GRM188B11A224KC01_	GRM155R71A224KE01_	· LW size:1608M(0603inch) to 1005M(0402inch) · T size(Max):0.90mm to 0.55mm · Temperature characteristics:B to X7R
	GRM188B11A224MA01_	GRM155R71A224ME01_	· LW size:1608M(0603inch) to 1005M(0402inch) · T size(Max):0.90mm to 0.55mm · Temperature characteristics:B to X7R
	GXM188B11A224KA01_	GXM155R71A224KE01_	· LW size:1608M(0603inch) to 1005M(0402inch) · T size(Max):0.90mm to 0.55mm · Temperature characteristics:B to X7R
	GRM188B11A124JA01_	GRM155R71A224KE01_	· LW size:1608M(0603inch) to 1005M(0402inch) · T size(Max):0.90mm to 0.55mm · Temperature characteristics:B to X7R · Capacitance:0.12uF to 0.22uF · Capacitance Tolerance:±5% to ±10%
	GRM188B11A154JA01_	GRM155R71A224KE01_	· LW size:1608M(0603inch) to 1005M(0402inch) · T size(Max):0.90mm to 0.55mm · Temperature characteristics:B to X7R · Capacitance:0.15uF to 0.22uF · Capacitance Tolerance:±5% to ±10%
	GRM188B11A184JA01_	GRM155R71A224KE01_	· LW size:1608M(0603inch) to 1005M(0402inch) · T size(Max):0.90mm to 0.55mm · Temperature characteristics:B to X7R · Capacitance:0.18uF to 0.22uF · Capacitance Tolerance:±5% to ±10%

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM188R11A224KA01_	GRM155R71A224KE01_	· LW size:1608M(0603inch) to 1005M(0402inch) · T size(Max):0.90mm to 0.55mm · Temperature characteristics:R to X7R
	GRM188R11A224KA01_	GRM155R71A224KE01_	· LW size:1608M(0603inch) to 1005M(0402inch) · T size(Max):0.90mm to 0.55mm · Temperature characteristics:R to X7R
	GRM188R11A224KA01_	GRM155R71A224KE01_	· LW size:1608M(0603inch) to 1005M(0402inch) · T size(Max):0.90mm to 0.55mm · Temperature characteristics:R to X7R
	GRM188R11A224KA01_	GRM155R71A224KE01_	· LW size:1608M(0603inch) to 1005M(0402inch) · T size(Max):0.90mm to 0.55mm · Temperature characteristics:R to X7R
	GRM188R11A224KA22_	GRM155R71A224KE01_	· LW size:1608M(0603inch) to 1005M(0402inch) · T size(Max):0.90mm to 0.55mm · Temperature characteristics:R to X7R
	GRM188R11A224KC01_	GRM155R71A224KE01_	· LW size:1608M(0603inch) to 1005M(0402inch) · T size(Max):0.90mm to 0.55mm · Temperature characteristics:R to X7R
	GRM188R11A224MA01_	GRM155R71A224ME01_	· LW size:1608M(0603inch) to 1005M(0402inch) · T size(Max):0.90mm to 0.55mm · Temperature characteristics:R to X7R
	GRM188R11A224JA01_	GRM155R71A224KE01_	· LW size:1608M(0603inch) to 1005M(0402inch) · T size(Max):0.90mm to 0.55mm · Temperature characteristics:R to X7R · Capacitance Tolerance:±5% to ±10%
	GRM188R11A124KA01_	GRM155R71A224KE01_	· LW size:1608M(0603inch) to 1005M(0402inch) · T size(Max):0.90mm to 0.55mm · Temperature characteristics:R to X7R · Capacitance:0.12uF to 0.22uF
	GRM188R11A124KA01_	GRM155R71A224KE01_	· LW size:1608M(0603inch) to 1005M(0402inch) · T size(Max):0.90mm to 0.55mm · Temperature characteristics:R to X7R · Capacitance:0.12uF to 0.22uF
	GRM188R11A124MA01_	GRM155R71A224ME01_	· LW size:1608M(0603inch) to 1005M(0402inch) · T size(Max):0.90mm to 0.55mm · Temperature characteristics:R to X7R · Capacitance:0.12uF to 0.22uF
	GRM188R11A124JA01_	GRM155R71A224KE01_	· LW size:1608M(0603inch) to 1005M(0402inch) · T size(Max):0.90mm to 0.55mm · Temperature characteristics:R to X7R · Capacitance:0.12uF to 0.22uF · Capacitance Tolerance:±5% to ±10%
	GRM188R11A154KA01_	GRM155R71A224KE01_	· LW size:1608M(0603inch) to 1005M(0402inch) · T size(Max):0.90mm to 0.55mm · Temperature characteristics:R to X7R · Capacitance:0.15uF to 0.22uF
	GRM188R11A154KA01_	GRM155R71A224KE01_	· LW size:1608M(0603inch) to 1005M(0402inch) · T size(Max):0.90mm to 0.55mm · Temperature characteristics:R to X7R · Capacitance:0.15uF to 0.22uF
	GRM188R11A154KC01_	GRM155R71A224KE01_	· LW size:1608M(0603inch) to 1005M(0402inch) · T size(Max):0.90mm to 0.55mm · Temperature characteristics:R to X7R · Capacitance:0.15uF to 0.22uF
	GRM188R11A154MA01_	GRM155R71A224ME01_	· LW size:1608M(0603inch) to 1005M(0402inch) · T size(Max):0.90mm to 0.55mm · Temperature characteristics:R to X7R · Capacitance:0.15uF to 0.22uF
	GRM188R11A154JA01_	GRM155R71A224KE01_	· LW size:1608M(0603inch) to 1005M(0402inch) · T size(Max):0.90mm to 0.55mm · Temperature characteristics:R to X7R · Capacitance:0.15uF to 0.22uF · Capacitance Tolerance:±5% to ±10%

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	GRM188R11A184KA01_	GRM155R71A224KE01_	・ LW size:1608M(0603inch) to 1005M(0402inch) ・ T size(Max):0.90mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:0.18uF to 0.22uF
	GRM188R11A184KA01_	GRM155R71A224KE01_	・ LW size:1608M(0603inch) to 1005M(0402inch) ・ T size(Max):0.90mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:0.18uF to 0.22uF
	GRM188R11A184MA01_	GRM155R71A224ME01_	・ LW size:1608M(0603inch) to 1005M(0402inch) ・ T size(Max):0.90mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:0.18uF to 0.22uF
	GRM188R11A184JA01_	GRM155R71A224KE01_	・ LW size:1608M(0603inch) to 1005M(0402inch) ・ T size(Max):0.90mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:0.18uF to 0.22uF ・ Capacitance Tolerance:±5% to ±10%
	GRM188R61A224KA01_	GRM155R71A224KE01_	・ LW size:1608M(0603inch) to 1005M(0402inch) ・ T size(Max):0.90mm to 0.55mm ・ Temperature characteristics:X5R to X7R
	GRM188R61A124JA01_	GRM155R71A224KE01_	・ LW size:1608M(0603inch) to 1005M(0402inch) ・ T size(Max):0.90mm to 0.55mm ・ Temperature characteristics:X5R to X7R ・ Capacitance:0.12uF to 0.22uF ・ Capacitance Tolerance:±5% to ±10%
	GRM188R61A154JA01_	GRM155R71A224KE01_	・ LW size:1608M(0603inch) to 1005M(0402inch) ・ T size(Max):0.90mm to 0.55mm ・ Temperature characteristics:X5R to X7R ・ Capacitance:0.15uF to 0.22uF ・ Capacitance Tolerance:±5% to ±10%
	GRM188R61A184JA01_	GRM155R71A224KE01_	・ LW size:1608M(0603inch) to 1005M(0402inch) ・ T size(Max):0.90mm to 0.55mm ・ Temperature characteristics:X5R to X7R ・ Capacitance:0.18uF to 0.22uF ・ Capacitance Tolerance:±5% to ±10%
	GRM185B31E105MA12_	GRM155R61E105MA12_	・ LW size:1608M(0603inch) to 1005M(0402inch) ・ Temperature characteristics:B to X5R
	GRM185B31C105KE43_	GRM155R61C105KA12_	・ LW size:1608M(0603inch) to 1005M(0402inch) ・ Temperature characteristics:B to X5R
	GRM185B31C105KE43_	GRM155R61C105KA12_	・ LW size:1608M(0603inch) to 1005M(0402inch) ・ Temperature characteristics:B to X5R
	GRM185B31C105KE43_	GRM155R61C105KA12_	・ LW size:1608M(0603inch) to 1005M(0402inch) ・ Temperature characteristics:B to X5R
	GRM185B31C105ME43_	GRM155R61C105MA12_	・ LW size:1608M(0603inch) to 1005M(0402inch) ・ Temperature characteristics:B to X5R
	GRM185B30J225KE25_	GRM155R60J225KE01_	・ LW size:1608M(0603inch) to 1005M(0402inch) ・ Temperature characteristics:B to X5R
	GRM185B30J225KE25_	GRM155R60J225KE01_	・ LW size:1608M(0603inch) to 1005M(0402inch) ・ Temperature characteristics:B to X5R
	GRM185B30J225KE42_	GRM155R60J225KE01_	・ LW size:1608M(0603inch) to 1005M(0402inch) ・ Temperature characteristics:B to X5R
	GRM185B30J225KE42_	GRM155R60J225KE01_	・ LW size:1608M(0603inch) to 1005M(0402inch) ・ Temperature characteristics:B to X5R

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM185B30J225ME25_	GRM155R60J225ME01_	· LW size:1608M(0603inch) to 1005M(0402inch) · Temperature characteristics:B to X5R
	GRM185B31A225KE43_	GRM155R61A225KE01_	· LW size:1608M(0603inch) to 1005M(0402inch) · Temperature characteristics:B to X5R
	GRM185B31A225ME43_	GRM155R61A225ME01_	· LW size:1608M(0603inch) to 1005M(0402inch) · Temperature characteristics:B to X5R
	GRM185B30G475ME15_	GRM155R60G475ME47_	· LW size:1608M(0603inch) to 1005M(0402inch) · Temperature characteristics:B to X5R
	GRM185B30J475ME15_	GRM155R60J475ME47_	· LW size:1608M(0603inch) to 1005M(0402inch) · Temperature characteristics:B to X5R
	GRM185B30J475ME15_	GRM155R60J475ME47_	· LW size:1608M(0603inch) to 1005M(0402inch) · Temperature characteristics:B to X5R
	GRM185B10J105KE21_	GRM155R70J105KA12_	· LW size:1608M(0603inch) to 1005M(0402inch) · Temperature characteristics:B to X7R
	GRM185B30J105KE25_	GRM155R70J105KA12_	· LW size:1608M(0603inch) to 1005M(0402inch) · Temperature characteristics:B to X7R
	GRM185B30J105KE25_	GRM155R70J105KA12_	· LW size:1608M(0603inch) to 1005M(0402inch) · Temperature characteristics:B to X7R
	GRM185R60J105KE21_	GRM155R70J105KA12_	· LW size:1608M(0603inch) to 1005M(0402inch) · Temperature characteristics:X5R to X7R
	GRM185R60J105KE26_	GRM155R70J105KA12_	· LW size:1608M(0603inch) to 1005M(0402inch) · Temperature characteristics:X5R to X7R
	GRM185C80E475ME15_	GRM155D80E475ME47_	· LW size:1608M(0603inch) to 1005M(0402inch) · Temperature characteristics:X6S to X6T
	GRM185D71A105KE36_	GRM155C71A105KE11_	· LW size:1608M(0603inch) to 1005M(0402inch) · Temperature characteristics:X7T to X7S
	GRM185D71A105ME36_	GRM155C71A105ME11_	· LW size:1608M(0603inch) to 1005M(0402inch) · Temperature characteristics:X7T to X7S
	GRM216B11A224KC01_	GRM033R61A224KE90_	· LW size:2012M(0805inch) to 0603M(0201inch) · T size(Max):0.70mm to 0.33mm · Temperature characteristics:B to X5R
	GRM216B11A224MC01_	GRM033R61A224ME90_	· LW size:2012M(0805inch) to 0603M(0201inch) · T size(Max):0.70mm to 0.33mm · Temperature characteristics:B to X5R
	GRM219B11C224KA01_	GRM033R61C224KE14_	· LW size:2012M(0805inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Temperature characteristics:B to X5R

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM219B11C224KA01_	GRM033R61C224KE14_	· LW size:2012M(0805inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Temperature characteristics:B to X5R
	GRM219B11C224KC01_	GRM033R61C224KE14_	· LW size:2012M(0805inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Temperature characteristics:B to X5R
	GRM219B11C224KC01_	GRM033R61C224KE14_	· LW size:2012M(0805inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Temperature characteristics:B to X5R
	GRM219B11C224KC01_	GRM033R61C224KE14_	· LW size:2012M(0805inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Temperature characteristics:B to X5R
	GRM219B11C224MA01_	GRM033R61C224ME14_	· LW size:2012M(0805inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Temperature characteristics:B to X5R
	GRM219B11C224JA01_	GRM033R61C224KE14_	· LW size:2012M(0805inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Temperature characteristics:B to X5R · Capacitance Tolerance:±5% to ±10%
	GRM219R11C224KA01_	GRM033R61C224KE14_	· LW size:2012M(0805inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Temperature characteristics:R to X5R
	GRM219R11C224KC01_	GRM033R61C224KE14_	· LW size:2012M(0805inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Temperature characteristics:R to X5R
	GRM219R11C224KC01_	GRM033R61C224KE14_	· LW size:2012M(0805inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Temperature characteristics:R to X5R
	GRM219R11C224MA01_	GRM033R61C224ME14_	· LW size:2012M(0805inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Temperature characteristics:R to X5R
	GRM219R11C224JA01_	GRM033R61C224KE14_	· LW size:2012M(0805inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Temperature characteristics:R to X5R · Capacitance Tolerance:±5% to ±10%
	GRM219R11C224JA01_	GRM033R61C224KE14_	· LW size:2012M(0805inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Temperature characteristics:R to X5R · Capacitance Tolerance:±5% to ±10%
	GRM216R11A334KA01_	GRM155R71A474KE01_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.70mm to 0.55mm · Temperature characteristics:R to X7R · Capacitance:0.33uF to 0.47uF
	GRM216R11A334KC01_	GRM155R71A474KE01_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.70mm to 0.55mm · Temperature characteristics:R to X7R · Capacitance:0.33uF to 0.47uF
	GRM216R11A334MA01_	GRM155R71A474ME01_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.70mm to 0.55mm · Temperature characteristics:R to X7R · Capacitance:0.33uF to 0.47uF
	GRM216R61A105MA01_	GRM153R61A105ME95_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.70mm to 0.33mm
	GRM216B11A105MA01_	GRM153R61A105ME95_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.70mm to 0.33mm · Temperature characteristics:B to X5R

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM216R61A105KA01_	GRM033R61A105ME01_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.70mm to 0.35mm · Capacitance Tolerance:±10% to ±20%
	GRM216B11A105KA01_	GRM033R61A105ME01_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.70mm to 0.35mm · Temperature characteristics:B to X5R · Capacitance Tolerance:±10% to ±20%
	GRM216R71A224KC01_	GRM155R71A224KE01_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.70mm to 0.55mm
	GRM216C81C105KA12_	GRM155C81C105KE15_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.70mm to 0.55mm
	GRM216C81C105MA12_	GRM155C81C105ME15_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.70mm to 0.55mm
	GRM216R61C105KA30_	GRM155R61C105KA12_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.70mm to 0.55mm
	GRM216R61C105KA88_	GRM155R61C105KA12_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.70mm to 0.55mm
	GRM216R61C105MA30_	GRM155R61C105MA12_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.70mm to 0.55mm
	GRM216R61C105MA88_	GRM155R61C105MA12_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.70mm to 0.55mm
	GRM216R61E105KA12_	GRM155R61E105KA12_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.70mm to 0.55mm
	GRM216R61E105KA12_	GRM155R61E105KA12_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.70mm to 0.55mm
	GRM216R61E105MA12_	GRM155R61E105MA12_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.70mm to 0.55mm
	GRM216R71A334KA01_	GRM155R71A474KE01_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.70mm to 0.55mm · Capacitance:0.33uF to 0.47uF
	GRM216R71A334KC01_	GRM155R71A474KE01_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.70mm to 0.55mm · Capacitance:0.33uF to 0.47uF
	GRM216R71A334MA01_	GRM155R71A474ME01_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.70mm to 0.55mm · Capacitance:0.33uF to 0.47uF
	GRM216B31C105KA87_	GRM155R61C105KA12_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.70mm to 0.55mm · Temperature characteristics:B to X5R
	GRM216B31C105KA87_	GRM155R61C105KA12_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.70mm to 0.55mm · Temperature characteristics:B to X5R

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM216B31C105MA87_	GRM155R61C105MA12_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.70mm to 0.55mm · Temperature characteristics:B to X5R
	GRM216B31C105MA87_	GRM155R61C105MA12_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.70mm to 0.55mm · Temperature characteristics:B to X5R
	GRM216B31E105KA75_	GRM155R61E105KA12_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.70mm to 0.55mm · Temperature characteristics:B to X5R
	GRM216B31E105KA75_	GRM155R61E105KA12_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.70mm to 0.55mm · Temperature characteristics:B to X5R
	GRM216B31E105KA75_	GRM155R61E105KA12_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.70mm to 0.55mm · Temperature characteristics:B to X5R
	GRM216B31E105MA75_	GRM155R61E105MA12_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.70mm to 0.55mm · Temperature characteristics:B to X5R
	GRM216B31E105MA75_	GRM155R61E105MA12_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.70mm to 0.55mm · Temperature characteristics:B to X5R
	GRM216B11A274KC01_	GRM155R71A474KE01_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.70mm to 0.55mm · Temperature characteristics:B to X7R · Capacitance:0.27uF to 0.47uF
	GRM216B11A334KA01_	GRM155R71A474KE01_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.70mm to 0.55mm · Temperature characteristics:B to X7R · Capacitance:0.33uF to 0.47uF
	GRM216B11A334KA01_	GRM155R71A474KE01_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.70mm to 0.55mm · Temperature characteristics:B to X7R · Capacitance:0.33uF to 0.47uF
	GRM216B11A334KC01_	GRM155R71A474KE01_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.70mm to 0.55mm · Temperature characteristics:B to X7R · Capacitance:0.33uF to 0.47uF
	GRM216B11A334MA01_	GRM155R71A474ME01_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.70mm to 0.55mm · Temperature characteristics:B to X7R · Capacitance:0.33uF to 0.47uF
	GRM216B11A394KC01_	GRM155R71A474KE01_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.70mm to 0.55mm · Temperature characteristics:B to X7R · Capacitance:0.39uF to 0.47uF
	GRM216R11A224KC01_	GRM155R71A224KE01_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.70mm to 0.55mm · Temperature characteristics:R to X7R
	GRM216R11A224MC01_	GRM155R71A224ME01_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.70mm to 0.55mm · Temperature characteristics:R to X7R
	GRM216R11A274KC01_	GRM155R71A474KE01_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.70mm to 0.55mm · Temperature characteristics:R to X7R · Capacitance:0.27uF to 0.47uF
	GRM216R11A394KC01_	GRM155R71A474KE01_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.70mm to 0.55mm · Temperature characteristics:R to X7R · Capacitance:0.39uF to 0.47uF

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM216R61A334KA01_	GRM155R71A474KE01_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.70mm to 0.55mm · Temperature Characteristics:X5R to X7R · Capacitance:0.33uF to 0.47uF
	GRM216R61A334MA01_	GRM155R71A474ME01_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.70mm to 0.55mm · Temperature Characteristics:X5R to X7R · Capacitance:0.33uF to 0.47uF
	GRM216D71C105KA12_	GRM155C71C105KE11_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.70mm to 0.60mm · Temperature characteristics:X7T to X7S
	GRM216D71C105MA12_	GRM155C71C105ME11_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.70mm to 0.60mm · Temperature characteristics:X7T to X7S
	GRT216R61A225KE13_	GRT155R61C225KE13_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.70mm to 0.70mm
	GRT216R61A225ME13_	GRT155R61C225KE13_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.70mm to 0.70mm · Capacitance Tolerance:±20% to ±10%
	GRM219R61A105MA01_	GRM153R61A105ME95_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.33mm
	GRM219B11A105MA01_	GRM153R61A105ME95_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.33mm · Temperature characteristics:B to X5R
	GRM219R71C224KA01_	GRM155R71C224KA12_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm
	GRM219R71C224KC01_	GRM155R71C224KA12_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm
	GRM219R71C224MA01_	GRM155R71C224MA12_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm
	GRT219R61A225KE01_	GRT155R61C225KE13_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm
	GRM219C80G106KE19_	GRM155C80G106ME18_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance Tolerance:±10% to ±20%
	GRT219R61A225ME01_	GRT155R61C225KE13_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance Tolerance:±20% to ±10%
	GRM219R71C224JA01_	GRM155R71C224KA12_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance Tolerance:±5% to ±10%
	GRM219R60J155KC01_	GRM155R60J225KE01_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance:1.5uF to 2.2uF
	GRM219R61A105KA01_	GRM155R61C105KA12_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Rated Voltage:10V to 16V

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM219R61A105KC01_	GRM155R61C105KA12_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Rated Voltage:10V to 16V
	GRM219B11C564KA01_	GRM155R61C105KA12_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:B to X5R · Capacitance:0.56uF to 1uF
	GRM219B11C564KA01_	GRM155R61C105KA12_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:B to X5R · Capacitance:0.56uF to 1uF
	GRM219B11C564KC01_	GRM155R61C105KA12_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:B to X5R · Capacitance:0.56uF to 1uF
	GRM219B11C564MA01_	GRM155R61C105MA12_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:B to X5R · Capacitance:0.56uF to 1uF
	GRM219B11C564JA01_	GRM155R61C105KA12_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:B to X5R · Capacitance:0.56uF to 1uF · Capacitance Tolerance:±5% to ±10%
	GRM219B11C684KA01_	GRM155R61C105KA12_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:B to X5R · Capacitance:0.68uF to 1uF
	GRM219B11C684KA01_	GRM155R61C105KA12_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:B to X5R · Capacitance:0.68uF to 1uF
	GRM219B11C684KC01_	GRM155R61C105KA12_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:B to X5R · Capacitance:0.68uF to 1uF
	GRM219B11C684MA01_	GRM155R61C105MA12_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:B to X5R · Capacitance:0.68uF to 1uF
	GRM219B11C684JA01_	GRM155R61C105KA12_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:B to X5R · Capacitance:0.68uF to 1uF · Capacitance Tolerance:±5% to ±10%
	GRM219B31A335ME18_	GRM155R61A475ME01_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:B to X5R · Capacitance:3.3uF to 4.7uF
	GRM219B31A335ME18_	GRM155R61A475ME01_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:B to X5R · Capacitance:3.3uF to 4.7uF
	GRM219B31A335KE18_	GRM155R61A475ME01_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:B to X5R · Capacitance:3.3uF to 4.7uF TOL:±10% to ±20%
	GRM219B31A335KE18_	GRM155R61A475ME01_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:B to X5R · Capacitance:3.3uF to 4.7uF TOL:±10% to ±20%
	GRM219B11A105KA01_	GRM155R61C105KA12_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:B to X5R · Rated Voltage:10V to 16V
	GRM219B11A105KA01_	GRM155R61C105KA12_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:B to X5R · Rated Voltage:10V to 16V

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM219B11A105KC01_	GRM155R61C105KA12_	・ LW size:2012M(0805inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Rated Voltage:10V to 16V
	GRM219B11A105KC01_	GRM155R61C105KA12_	・ LW size:2012M(0805inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Rated Voltage:10V to 16V
	GRM219R11C564MA01_	GRM155C71C105ME11_	・ LW size:2012M(0805inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7S ・ Capacitance:0.56uF to 1uF
	GRM219R11C564KA01_	GRM155C71C105KE11_	・ LW size:2012M(0805inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7S ・ Capacitance:0.56uF to 1uF
	GRM219R11C564KC01_	GRM155C71C105KE11_	・ LW size:2012M(0805inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7S ・ Capacitance:0.56uF to 1uF
	GRM219R11C564JA01_	GRM155C71C105KE11_	・ LW size:2012M(0805inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7S ・ Capacitance:0.56uF to 1uF ・ Capacitance Tolerance:±5% to ±10%
	GRM219R11C684MA01_	GRM155C71C105ME11_	・ LW size:2012M(0805inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7S ・ Capacitance:0.68uF to 1uF
	GRM219R11C684MC01_	GRM155C71C105ME11_	・ LW size:2012M(0805inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7S ・ Capacitance:0.68uF to 1uF
	GRM219R11C684KA01_	GRM155C71C105KE11_	・ LW size:2012M(0805inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7S ・ Capacitance:0.68uF to 1uF
	GRM219R11C684KA01_	GRM155C71C105KE11_	・ LW size:2012M(0805inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7S ・ Capacitance:0.68uF to 1uF
	GRM219R11C684KC01_	GRM155C71C105KE11_	・ LW size:2012M(0805inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7S ・ Capacitance:0.68uF to 1uF
	GRM219R11C684JA01_	GRM155C71C105KE11_	・ LW size:2012M(0805inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7S ・ Capacitance:0.68uF to 1uF ・ Capacitance Tolerance:±5% to ±10%
	GRM219R71C564MA01_	GRM155C71C105ME11_	・ LW size:2012M(0805inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:X7R to X7S ・ Capacitance:0.56uF to 1uF
	GRM219R71C564KA01_	GRM155C71C105KE11_	・ LW size:2012M(0805inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:X7R to X7S ・ Capacitance:0.56uF to 1uF
	GRM219R71C564KC01_	GRM155C71C105KE11_	・ LW size:2012M(0805inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:X7R to X7S ・ Capacitance:0.56uF to 1uF
	GRM219R71C564JA01_	GRM155C71C105KE11_	・ LW size:2012M(0805inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:X7R to X7S ・ Capacitance:0.56uF to 1uF ・ Capacitance Tolerance:±5% to ±10%
	GRM219R71C684MA01_	GRM155C71C105ME11_	・ LW size:2012M(0805inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:X7R to X7S ・ Capacitance:0.68uF to 1uF

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM219R71C684KA01_	GRM155C71C105KE11_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:X7R to X7S · Capacitance:0.68uF to 1uF
	GRM219R71C684KC01_	GRM155C71C105KE11_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:X7R to X7S · Capacitance:0.68uF to 1uF
	GRM219R71C684KC37_	GRM155C71C105KE11_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:X7R to X7S · Capacitance:0.68uF to 1uF
	GRM219R71C684JA01_	GRM155C71C105KE11_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:X7R to X7S · Capacitance:0.68uF to 1uF · Capacitance Tolerance:±5% to ±10%
	GRT219C80J475ME01_	GRT155C81A475ME13_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.70mm · Rated Voltage:6.3V to 10V
	GRT219C80J475KE01_	GRT155C81A475ME13_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.70mm · Rated voltage:6.3V to 10V · Capacitance tolerance:±10% to ±20%
	GRM21BR61A684MA01_	GRM153R61A105ME95_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):1.35mm to 0.33mm · Capacitance:0.68uF to 1uF
	GRM21BR61A824MA01_	GRM153R61A105ME95_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):1.35mm to 0.33mm · Capacitance:0.82uF to 1uF
	GRM21BB11A684MA01_	GRM153R61A105ME95_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):1.35mm to 0.33mm · Temperature characteristics:B to X5R · Capacitance:0.68uF to 1uF
	GRM21BB11A824MA01_	GRM153R61A105ME95_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):1.35mm to 0.33mm · Temperature characteristics:B to X5R · Capacitance:0.82uF to 1uF
	GRM21BR61C824KA01_	GRM155R61C105KA12_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):1.35mm to 0.55mm · Capacitance:0.82uF to 1uF
	GRM21BR61C824MA01_	GRM155R61C105MA12_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):1.35mm to 0.55mm · Capacitance:0.82uF to 1uF
	GRM21BR61C824JA01_	GRM155R61C105KA12_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):1.35mm to 0.55mm · Capacitance:0.82uF to 1uF · Capacitance Tolerance:±5% to ±10%
	GRM21BR61A684KA01_	GRM155R61C105KA12_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):1.35mm to 0.55mm · Rated Voltage:10V to 16V · Capacitance:0.68uF to 1uF
	GRM21BR61A824KA01_	GRM155R61C105KA12_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):1.35mm to 0.55mm · Rated Voltage:10V to 16V · Capacitance:0.82uF to 1uF
	GRM21BB31H154JA88_	GRM155R61H224KE01_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):1.35mm to 0.55mm · Temperature characteristics:B to X5R · Capacitance:0.15uF to 0.22uF · Capacitance Tolerance:±5% to ±10%
	GRM21BB31H184KA88_	GRM155R61H224KE01_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):1.35mm to 0.55mm · Temperature characteristics:B to X5R · Capacitance:0.18uF to 0.22uF

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM21BB31H184MA88_	GRM155R61H224ME01_	・ LW size:2012M(0805inch) to 1005M(0402inch) ・ T size(Max):1.35mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Capacitance:0.18uF to 0.22uF
	GRM21BB31H184JA88_	GRM155R61H224KE01_	・ LW size:2012M(0805inch) to 1005M(0402inch) ・ T size(Max):1.35mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Capacitance:0.18uF to 0.22uF ・ Capacitance Tolerance:±5% to ±10%
	GRM21BB31E564KA87_	GRM155R61E105KA12_	・ LW size:2012M(0805inch) to 1005M(0402inch) ・ T size(Max):1.35mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Capacitance:0.56uF to 1uF
	GRM21BB31E564KA87_	GRM155R61E105KA12_	・ LW size:2012M(0805inch) to 1005M(0402inch) ・ T size(Max):1.35mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Capacitance:0.56uF to 1uF
	GRM21BB31E564MA87_	GRM155R61E105MA12_	・ LW size:2012M(0805inch) to 1005M(0402inch) ・ T size(Max):1.35mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Capacitance:0.56uF to 1uF
	GRM21BB31E684KA87_	GRM155R61E105KA12_	・ LW size:2012M(0805inch) to 1005M(0402inch) ・ T size(Max):1.35mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Capacitance:0.68uF to 1uF
	GRM21BB31E684KA87_	GRM155R61E105KA12_	・ LW size:2012M(0805inch) to 1005M(0402inch) ・ T size(Max):1.35mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Capacitance:0.68uF to 1uF
	GRM21BB31E684MA87_	GRM155R61E105MA12_	・ LW size:2012M(0805inch) to 1005M(0402inch) ・ T size(Max):1.35mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Capacitance:0.68uF to 1uF
	GXM21BB31E684KA87_	GXM155R61E105KA10_	・ LW size:2012M(0805inch) to 1005M(0402inch) ・ T size(Max):1.35mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Capacitance:0.68uF to 1uF
	GRM21BB31E824KA87_	GRM155R61E105KA12_	・ LW size:2012M(0805inch) to 1005M(0402inch) ・ T size(Max):1.35mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Capacitance:0.82uF to 1uF
	GRM21BB31E824MA87_	GRM155R61E105MA12_	・ LW size:2012M(0805inch) to 1005M(0402inch) ・ T size(Max):1.35mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Capacitance:0.82uF to 1uF
	GRM21BB11C824KA01_	GRM155R61C105KA12_	・ LW size:2012M(0805inch) to 1005M(0402inch) ・ T size(Max):1.35mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Capacitance:0.82uF to 1uF
	GRM21BB11C824KA01_	GRM155R61C105KA12_	・ LW size:2012M(0805inch) to 1005M(0402inch) ・ T size(Max):1.35mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Capacitance:0.82uF to 1uF
	GRM21BB11C824KA01_	GRM155R61C105KA12_	・ LW size:2012M(0805inch) to 1005M(0402inch) ・ T size(Max):1.35mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Capacitance:0.82uF to 1uF
	GRM21BB11C824KC01_	GRM155R61C105KA12_	・ LW size:2012M(0805inch) to 1005M(0402inch) ・ T size(Max):1.35mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Capacitance:0.82uF to 1uF
	GRM21BB11C824MA01_	GRM155R61C105MA12_	・ LW size:2012M(0805inch) to 1005M(0402inch) ・ T size(Max):1.35mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Capacitance:0.82uF to 1uF
	GRM21BB11C824JA01_	GRM155R61C105KA12_	・ LW size:2012M(0805inch) to 1005M(0402inch) ・ T size(Max):1.35mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Capacitance:0.82uF to 1uF ・ Capacitance Tolerance:±5% to ±10%

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM21BB11A684KA01_	GRM155R61C105KA12_	・ LW size:2012M(0805inch) to 1005M(0402inch) ・ T size(Max):1.35mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Rated Voltage:10V to 16V
	GRM21BB11A684KA01_	GRM155R61C105KA12_	・ LW size:2012M(0805inch) to 1005M(0402inch) ・ T size(Max):1.35mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Rated Voltage:10V to 16V ・ Capacitance:0.68uF to 1uF
	GRM21BB11A684KA01_	GRM155R61C105KA12_	・ LW size:2012M(0805inch) to 1005M(0402inch) ・ T size(Max):1.35mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Rated Voltage:10V to 16V ・ Capacitance:0.68uF to 1uF
	GRM21BB11A684KA01_	GRM155R61C105KA12_	・ LW size:2012M(0805inch) to 1005M(0402inch) ・ T size(Max):1.35mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Rated Voltage:10V to 16V ・ Capacitance:0.68uF to 1uF
	GRM21BB11A824KA01_	GRM155R61C105KA12_	・ LW size:2012M(0805inch) to 1005M(0402inch) ・ T size(Max):1.35mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Rated Voltage:10V to 16V ・ Capacitance:0.82uF to 1uF
	GRM21BB11A824KA01_	GRM155R61C105KA12_	・ LW size:2012M(0805inch) to 1005M(0402inch) ・ T size(Max):1.35mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Rated Voltage:10V to 16V ・ Capacitance:0.82uF to 1uF
	GRM21BB11E334KA01_	GRM155R61H334KE01_	・ LW size:2012M(0805inch) to 1005M(0402inch) ・ T size(Max):1.35mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Rated Voltage:25V to 50V
	GRM21BB11E334KA01_	GRM155R61H334KE01_	・ LW size:2012M(0805inch) to 1005M(0402inch) ・ T size(Max):1.35mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Rated Voltage:25V to 50V
	GRM21BB11E334KA01_	GRM155R61H334KE01_	・ LW size:2012M(0805inch) to 1005M(0402inch) ・ T size(Max):1.35mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Rated Voltage:25V to 50V
	GRM21BB11E334KA01_	GRM155R61H334KE01_	・ LW size:2012M(0805inch) to 1005M(0402inch) ・ T size(Max):1.35mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Rated Voltage:25V to 50V
	GRM21BB11E334KC01_	GRM155R61H334KE01_	・ LW size:2012M(0805inch) to 1005M(0402inch) ・ T size(Max):1.35mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Rated Voltage:25V to 50V
	GRM21BB11E334KC01_	GRM155R61H334KE01_	・ LW size:2012M(0805inch) to 1005M(0402inch) ・ T size(Max):1.35mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Rated Voltage:25V to 50V
	GRM21BB11E334MA01_	GRM155R61H334ME01_	・ LW size:2012M(0805inch) to 1005M(0402inch) ・ T size(Max):1.35mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Rated Voltage:25V to 50V
	GRM21BR11E564MA88_	GRM155R61E105MA12_	・ LW size:2012M(0805inch) to 1005M(0402inch) ・ T size(Max):1.35mm to 0.55mm ・ Temperature characteristics:R to X5R ・ Capacitance:0.56uF to 1uF
	GRM21BR11E684MA88_	GRM155R61E105MA12_	・ LW size:2012M(0805inch) to 1005M(0402inch) ・ T size(Max):1.35mm to 0.55mm ・ Temperature characteristics:R to X5R ・ Capacitance:0.68uF to 1uF
	GRM21BR11E824MA88_	GRM155R61E105MA12_	・ LW size:2012M(0805inch) to 1005M(0402inch) ・ T size(Max):1.35mm to 0.55mm ・ Temperature characteristics:R to X5R ・ Capacitance:0.82uF to 1uF
	GRM21BR11A684MA01_	GRM155C71A105ME11_	・ LW size:2012M(0805inch) to 1005M(0402inch) ・ T size(Max):1.35mm to 0.55mm ・ Temperature characteristics:R to X7S ・ Capacitance:0.68uF to 1uF

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM21BR11A684KA01_	GRM155C71A105KE11_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):1.35mm to 0.55mm · Temperature characteristics:R to X7S · Capacitance:0.68uF to 1uF
	GRM21BR11A824MA01_	GRM155C71A105ME11_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):1.35mm to 0.55mm · Temperature characteristics:R to X7S · Capacitance:0.82uF to 1uF
	GRM21BR11C824MA01_	GRM155C71C105ME11_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):1.35mm to 0.55mm · Temperature characteristics:R to X7S · Capacitance:0.82uF to 1uF
	GRM21BR11A824KA01_	GRM155C71A105KE11_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):1.35mm to 0.55mm · Temperature characteristics:R to X7S · Capacitance:0.82uF to 1uF
	GRM21BR11C824KA01_	GRM155C71C105KE11_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):1.35mm to 0.55mm · Temperature characteristics:R to X7S · Capacitance:0.82uF to 1uF
	GRM21BR11C824JA01_	GRM155C71C105KE11_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):1.35mm to 0.55mm · Temperature characteristics:R to X7S · Capacitance:0.82uF to 1uF · Capacitance Tolerance:±5% to ±10%
	GRM21BR11E564KA88_	GRM155D71E105KE11_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):1.35mm to 0.55mm · Temperature characteristics:R to X7T · Capacitance:0.56uF to 1uF
	GRM21BR11E684KA88_	GRM155D71E105KE11_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):1.35mm to 0.55mm · Temperature characteristics:R to X7T · Capacitance:0.68uF to 1uF
	GRM21BR11E684KA88_	GRM155D71E105KE11_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):1.35mm to 0.55mm · Temperature characteristics:R to X7T · Capacitance:0.68uF to 1uF
	GRM21BR11E824KA88_	GRM155D71E105KE11_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):1.35mm to 0.55mm · Temperature characteristics:R to X7T · Capacitance:0.82uF to 1uF
	GRM21BR71E684MA88_	GRM155R61E105MA12_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):1.35mm to 0.55mm · Temperature characteristics:X7R to X5R · Capacitance:0.68uF to 1uF
	GRM21BR71E824MA88_	GRM155R61E105MA12_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):1.35mm to 0.55mm · Temperature characteristics:X7R to X5R · Capacitance:0.82uF to 1uF
	GRM21BR71A684MA01_	GRM155C71A105ME11_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):1.35mm to 0.55mm · Temperature characteristics:X7R to X7S · Capacitance:0.68uF to 1uF
	GRM21BR71A684KA01_	GRM155C71A105KE11_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):1.35mm to 0.55mm · Temperature characteristics:X7R to X7S · Capacitance:0.68uF to 1uF
	GRM21BR71A684KA36_	GRM155C71A105KE11_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):1.35mm to 0.55mm · Temperature characteristics:X7R to X7S · Capacitance:0.68uF to 1uF
	GRM21BR71A824MA01_	GRM155C71A105ME11_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):1.35mm to 0.55mm · Temperature characteristics:X7R to X7S · Capacitance:0.82uF to 1uF
	GRM21BR71C824MA01_	GRM155C71C105ME11_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):1.35mm to 0.55mm · Temperature characteristics:X7R to X7S · Capacitance:0.82uF to 1uF

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM21BR71A824KA01_	GRM155C71A105KE11_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):1.35mm to 0.55mm · Temperature characteristics:X7R to X7S · Capacitance:0.82uF to 1uF
	GRM21BR71C824KA01_	GRM155C71C105KE11_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):1.35mm to 0.55mm · Temperature characteristics:X7R to X7S · Capacitance:0.82uF to 1uF
	GRM21BR71C824KC01_	GRM155C71C105KE11_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):1.35mm to 0.55mm · Temperature characteristics:X7R to X7S · Capacitance:0.82uF to 1uF
	GRM21BR71C824JA01_	GRM155C71C105KE11_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):1.35mm to 0.55mm · Temperature characteristics:X7R to X7S · Capacitance:0.82uF to 1uF · Capacitance Tolerance:±5% to ±10%
	GRM21BR71H154JA01_	GRM155D71H224KE01_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):1.35mm to 0.55mm · Temperature characteristics:X7R to X7T · Capacitance:0.15uF to 0.22uF · Capacitance Tolerance:±5% to ±10%
	GRM21BR71H184JA01_	GRM155D71H224KE01_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):1.35mm to 0.55mm · Temperature characteristics:X7R to X7T · Capacitance:0.18uF to 0.22uF · Capacitance Tolerance:±5% to ±10%
	GRM21BR71E564KA88_	GRM155D71E105KE11_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):1.35mm to 0.55mm · Temperature characteristics:X7R to X7T · Capacitance:0.56uF to 1uF
	GRM21BR71E564MA88_	GRM155D71E105KE11_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):1.35mm to 0.55mm · Temperature characteristics:X7R to X7T · Capacitance:0.56uF to 1uF · Capacitance Tolerance:±20% to ±10%
	GRM21BR71E564JA88_	GRM155D71E105KE11_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):1.35mm to 0.55mm · Temperature characteristics:X7R to X7T · Capacitance:0.56uF to 1uF · Capacitance Tolerance:±5% to ±10%
	GRM21BR71E684KA88_	GRM155D71E105KE11_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):1.35mm to 0.55mm · Temperature characteristics:X7R to X7T · Capacitance:0.68uF to 1uF
	GRM21BR71E684KA88_	GRM155D71E105KE11_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):1.35mm to 0.55mm · Temperature characteristics:X7R to X7T · Capacitance:0.68uF to 1uF
	GRM21BR71E684JA88_	GRM155D71E105KE11_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):1.35mm to 0.55mm · Temperature characteristics:X7R to X7T · Capacitance:0.68uF to 1uF · Capacitance Tolerance:±5% to ±10%
	GRM21BR71E824KA88_	GRM155D71E105KE11_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):1.35mm to 0.55mm · Temperature characteristics:X7R to X7T · Capacitance:0.82uF to 1uF
	GRM21BR71E824JA88_	GRM155D71E105KE11_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):1.35mm to 0.55mm · Temperature characteristics:X7R to X7T · Capacitance:0.82uF to 1uF · Capacitance Tolerance:±5% to ±10%
	GRM216R61C225KA12_	GRM155R61C225KE11_	· LW size:2012M(0805inch) to 1005M(0402inch)
	GRM216R61C225MA12_	GRM155R61C225ME11_	· LW size:2012M(0805inch) to 1005M(0402inch)
	GRM216B31C225KA12_	GRM155R61C225KE11_	· LW size:2012M(0805inch) to 1005M(0402inch) · Temperature characteristics:B to X5R

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM216B31C225MA12_	GRM155R61C225ME11_	· LW size:2012M(0805inch) to 1005M(0402inch) · Temperature characteristics:B to X5R
	GRM216B31A225KE23_	GRM188R71A225KE15_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.70mm to 0.90mm · Temperature characteristics:B to X7R
	GRM216B31A225KE23_	GRM188R71A225KE15_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.70mm to 0.90mm · Temperature characteristics:B to X7R
	GRM216B31A225ME23_	GRM188R71A225ME15_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.70mm to 0.90mm · Temperature characteristics:B to X7R
	GRM216B31A225ME23_	GRM188R71A225ME15_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.70mm to 0.90mm · Temperature characteristics:B to X7R
	GRT216R61C105KE01_	GRT188R71C105KE13_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.70mm to 0.90mm · Temperature characteristics:X5R to X7R
	GRM216R61A225KE24_	GRM188R71A225KE15_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.70mm to 0.90mm · Temperature characteristics:X5R to X7R
	GRM216R61A225ME24_	GRM188R71A225ME15_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.70mm to 0.90mm · Temperature characteristics:X5R to X7R
	GRT216R61E105KE01_	GRT188R71E105KE13_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.70mm to 0.90mm · Temperature characteristics:X5R to X7R
	GRT216R61C105ME01_	GRT188R71C105KE13_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.70mm to 0.90mm · Temperature characteristics:X5R to X7R · Capacitance Tolerance:±20% to ±10%
	GRT216R61E105ME01_	GRT188R71E105KE13_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.70mm to 0.90mm · Temperature characteristics:X5R to X7R · Capacitance Tolerance:±20% to ±10%
	GRT216R61A105KE01_	GRT188R71C105KE13_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.70mm to 0.90mm · Temperature characteristics:X5R to X7R · Rated Voltage:10V to 16V
	GRT216R61A105ME01_	GRT188R71C105KE13_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.70mm to 0.90mm · Temperature characteristics:X5R to X7R · Rated Voltage:10V to 16V · Capacitance Tolerance:±20% to ±10%
	GRT216R61C225KE13_	GRT188C71C225KE13_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.70mm to 0.90mm · Temperature characteristics:X5R to X7S
	GRT216R61C225ME13_	GRT188C71C225KE13_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.70mm to 0.90mm · Temperature characteristics:X5R to X7S · Capacitance Tolerance:±20% to ±10%
	GRT216C81C105KE01_	GRT188R71C105KE13_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.70mm to 0.90mm · Temperature characteristics:X6S to X7R
	GRT216C81C105ME01_	GRT188R71C105KE13_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.70mm to 0.90mm · Temperature characteristics:X6S to X7R · Capacitance Tolerance:±20% to ±10%

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM219C80J475ME32_	GRM185C80J475ME11_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.85mm to 0.55mm
	GRM219R61A475KE32_	GRM155R61A475ME01_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.85mm to 0.70mm · Capacitance Tolerance:±10% to 20%
	GRM219R61A475ME32_	GRM155R61A475ME01_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.85mm to 0.70mm
	GRM219C80J475KE32_	GRM155C80J475ME01_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.85mm to 0.70mm · Capacitance Tolerance:±10% to 20%
	GRM219C80J475KE32_	GRM155C80J475ME01_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.85mm to 0.70mm · Capacitance Tolerance:±10% to 20%
	GRM219B31A475KE31_	GRM155R61A475ME01_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.85mm to 0.70mm · Temperature characteristics:B to X5R · Capacitance Tolerance:±10% to 20%
	GRM219B31A475ME31_	GRM155R61A475ME01_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.85mm to 0.70mm · Temperature characteristics:B to X5R
	GRM219B30J475ME31_	GRM185C80J475ME11_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.85mm to 0.55mm · Temperature characteristics:B to X6S
	GRM219B10J475KE11_	GRM185C80J475ME11_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.85mm to 0.55mm · Temperature characteristics:B to X6S · Capacitance Tolerance:±10% to ±20%
	GRM219B30J475KE31_	GRM185C80J475ME11_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.85mm to 0.55mm · Temperature characteristics:B to X6S · Capacitance Tolerance:±10% to ±20%
	GRM219B30J475KE31_	GRM185C80J475ME11_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.85mm to 0.55mm · Temperature characteristics:B to X6S · Capacitance Tolerance:±10% to ±20%
	GRM219R60J475ME32_	GRM185C80J475ME11_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.85mm to 0.55mm · Temperature characteristics:X5R to X6S
	GRM219R60J475KE11_	GRM185C80J475ME11_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.85mm to 0.55mm · Temperature characteristics:X5R to X6S · Capacitance Tolerance:±10% to ±20%
	GRM219R60J475KE32_	GRM185C80J475ME11_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.85mm to 0.55mm · Temperature characteristics:X5R to X6S · Capacitance Tolerance:±10% to ±20%
	GRM219C81A475KE34_	GRM185C81A475KE11_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.55mm
	GRM219C81A475ME34_	GRM185C81A475ME11_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.55mm
	GRM219C80J475ME19_	GRM185C80J475ME11_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.55mm

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM219R61A335KE19_	GRM155R61A475ME01_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.55mm · Capacitance:3.3uF to 4.7uF
	GRM219R61A335ME19_	GRM155R61A475ME01_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.55mm · Capacitance:3.3uF to 4.7uF
	GRM219R61C335KA12_	GRM185R61C475KE11_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.55mm · Capacitance:3.3uF to 4.7uF
	GRM219R61C335MA12_	GRM185R61C475ME11_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.55mm · Capacitance:3.3uF to 4.7uF
	GRM219R61A475KE19_	GRM155R61A475ME01_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.85mm to 0.70mm · Capacitance Tolerance:±10% to 20%
	GRM219R61A475KE19_	GRM155R61A475ME01_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.85mm to 0.70mm · Capacitance Tolerance:±10% to 20%
	GRM219R61A475KE34_	GRM155R61A475ME01_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.85mm to 0.70mm · Capacitance Tolerance:±10% to 20%
	GRM219R61A475KE34_	GRM155R61A475ME01_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.85mm to 0.70mm · Capacitance Tolerance:±10% to 20%
	GRM219R61A475ME34_	GRM155R61A475ME01_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.85mm to 0.70mm
	GRM219C80J475KE19_	GRM155C80J475ME01_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.70mm · Capacitance Tolerance:±10% to 20%
	GRM219B31C335KA12_	GRM185R61C475KE11_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:B to X5R · Capacitance:3.3uF to 4.7uF
	GRM219B31C335MA12_	GRM185R61C475ME11_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:B to X5R · Capacitance:3.3uF to 4.7uF
	GRM219B31A475KE18_	GRM155R61A475ME01_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.70mm · Temperature characteristics:B to X5R · Capacitance Tolerance:±10% to 20%
	GRM219B31A475KE18_	GRM155R61A475ME01_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.70mm · Temperature characteristics:B to X5R · Capacitance Tolerance:±10% to 20%
	GRM219B31A475KE33_	GRM155R61A475ME01_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.70mm · Temperature characteristics:B to X5R · Capacitance Tolerance:±10% to 20%
	GRM219B31A475KE33_	GRM155R61A475ME01_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.70mm · Temperature characteristics:B to X5R · Capacitance Tolerance:±10% to 20%
	GRM219B31A475ME33_	GRM155R61A475ME01_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.70mm · Temperature characteristics:B to X5R

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM219B31A475ME33_	GRM155R61A475ME01_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.70mm · Temperature characteristics:B to X5R
	GRM219B10J475ME01_	GRM185C80J475ME11_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:B to X6S
	GRM219B30J475ME18_	GRM185C80J475ME11_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:B to X6S
	GRM219B30J475ME18_	GRM185C80J475ME11_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:B to X6S
	GRM219B10J475KE01_	GRM185C80J475ME11_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:B to X6S · Capacitance Tolerance:±10% to ±20%
	GRM219B30J475KE18_	GRM185C80J475ME11_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:B to X6S · Capacitance Tolerance:±10% to ±20%
	GRM219B30J475KE18_	GRM185C80J475ME11_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:B to X6S · Capacitance Tolerance:±10% to ±20%
	GRM219R60J475ME01_	GRM185C80J475ME11_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:X5R to X6S
	GRM219R60J475ME19_	GRM185C80J475ME11_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:X5R to X6S
	GRM219R60J475KE01_	GRM185C80J475ME11_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:X5R to X6S · Capacitance Tolerance:±10% to ±20%
	GRM219R60J475KE19_	GRM185C80J475ME11_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:X5R to X6S · Capacitance Tolerance:±10% to ±20%
	GRM219R60J475KE19_	GRM185C80J475ME11_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:X5R to X6S · Capacitance Tolerance:±10% to ±20%
	GRM219R60J475KE19_	GRM185C80J475ME11_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:X5R to X6S · Capacitance Tolerance:±10% to ±20%
	GRM219R71C474KA01_	GRM188R71C474KA88_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm
	GRM219R71C474KC01_	GRM188R71C474KA88_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm
	GRM219R71C474MA01_	GRM188R71C474MA88_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm
	GRM219R71C474MC01_	GRM188R71C474MA88_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM219C80G106ME12_	GRM188C80G106ME47_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm
	GRM219C80G106ME19_	GRM188C80G106ME47_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm
	GRM219R60J106KE17_	GRM188R60J106KE47_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm
	GRM219R60J106KE19_	GRM188R60J106KE47_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm
	GRM219R60J106KE19_	GRM188R60J106KE47_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm
	GRM219R60J106KE28_	GRM188R60J106KE47_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm
	GRT219C80G106ME01_	GRT188C80G106ME13_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm
	GRT219R61A226ME13_	GRT188R61A226ME13_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 1.00mm
	GRM219C81C225KA12_	GRM188C81C225KA12_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm
	GRM219C81C225MA12_	GRM188C81C225MA12_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm
	GRM219R61E225KA12_	GRM188R61E225KA12_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm
	GRM219R61E225KA12_	GRM188R61E225KA12_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm
	GRM219R61E225KA12_	GRM188R61E225KA12_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm
	GRM219R61E225MA12_	GRM188R61E225MA12_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm
	GRM219R61E225MA12_	GRM188R61E225MA12_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm
	GRM219D71A475KE15_	GRM188D71A475KE11_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm
	GRM219D71A475ME15_	GRM188D71A475ME11_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM219R60J106ME17_	GRM188R60J106ME47_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm
	GRM219R60J106ME19_	GRM188R60J106ME47_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm
	GRM219R71E224JA01_	GRM188R71E224JA88_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm
	GRM219R71E224KA01_	GRM188R71E224KA88_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm
	GRM219R71E224KC01_	GRM188R71E224KA88_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm
	GRM219R71E224MA01_	GRM188R71E224MA88_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm
	GRM219R71E224MC01_	GRM188R71E224MA88_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm
	GRT219R60J106ME01_	GRT188R60J106ME13_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm
	GRM219R71C474JA01_	GRM188R71C474KA88_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Capacitance Tolerance:±5% to ±10%
	GRM219R71C274KA01_	GRM188R71C474KA88_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Capacitance:0.27uF to 0.47uF
	GRM219R71C274KC01_	GRM188R71C474KA88_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Capacitance:0.27uF to 0.47uF
	GRM219R71C274MA01_	GRM188R71C474MA88_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Capacitance:0.27uF to 0.47uF
	GRM219R71C274JA01_	GRM188R71C474KA88_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Capacitance:0.27uF to 0.47uF · Capacitance Tolerance:±5% to ±10%
	GRM219R71E274JA01_	GRM188R71E474KA12_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Capacitance:0.27uF to 0.47uF · Capacitance Tolerance:±5% to ±10%
	GRT219R61C335KE01_	GRT188R61C475KE13_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Capacitance:3.3uF to 4.7uF
	GRT219R61C335ME01_	GRT188R61C475KE13_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Capacitance:3.3uF to 4.7uF · Capacitance Tolerance:±20% to ±10%
	GRT219C81A475ME01_	GRT188C81C475KE13_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Rated Voltage:10V to 16V · Capacitance Tolerance:±20% to ±10%

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM219R61C225KA88_	GRM155R61C225KE11_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.70mm
	GRM219R61C225KA88_	GRM155R61C225KE11_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.70mm
	GRM219R61C225KA88_	GRM155R61C225KE11_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.70mm
	GRM219R61C225MA88_	GRM155R61C225ME11_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.70mm
	GRT219C81A475KE01_	GRT188C81C475KE13_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Rated Voltage:1A to 1C
	GRT219R61A335KE01_	GRT188R61C475KE13_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Rated Voltage:1A to 1C · Capacitance:3.3uF to 4.7uF
	GRT219R61A335ME01_	GRT188R61C475KE13_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Rated Voltage:1A to 1C · Capacitance:3.3uF to 4.7uF · Capacitance Tolerance:±20% to ±10%
	GRT219R60J106KE01_	GRT188R61A106KE13_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Rated Voltage:6.3V to 10V
	GRM219B30J106KE18_	GRM188R60J106KE47_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Temperature characteristics:B to X5R
	GRM219B30J106KE18_	GRM188R60J106KE47_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Temperature characteristics:B to X5R
	GRM219B31E225KA75_	GRM188R61E225KA12_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Temperature characteristics:B to X5R
	GRM219B31E225KA75_	GRM188R61E225KA12_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Temperature characteristics:B to X5R
	GRM219B31E225KA75_	GRM188R61E225KA12_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Temperature characteristics:B to X5R
	GRM219B31E225MA75_	GRM188R61E225MA12_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Temperature characteristics:B to X5R
	GRM219B31E225MA75_	GRM188R61E225MA12_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Temperature characteristics:B to X5R
	GRM219B31E225MA75_	GRM188R61E225MA12_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Temperature characteristics:B to X5R
	GRM219B30J106ME18_	GRM188R60J106ME47_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Temperature characteristics:B to X5R

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM219B30J106ME18_	GRM188R60J106ME47_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Temperature characteristics:B to X5R
	GRM219B31C225KA87_	GRM155R61C225KE11_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.70mm · Temperature characteristics:B to X5R
	GRM219B31C225KA87_	GRM155R61C225KE11_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.70mm · Temperature characteristics:B to X5R
	GRM219B31C225MA87_	GRM155R61C225ME11_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.70mm · Temperature characteristics:B to X5R
	GRM219B31C225MA87_	GRM155R61C225ME11_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.70mm · Temperature characteristics:B to X5R
	GRM219B11C474KA01_	GRM188R71C474KA88_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Temperature characteristics:B to X7R
	GRM219B11C474KA01_	GRM188R71C474KA88_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Temperature characteristics:B to X7R
	GRM219B11C474KC01_	GRM188R71C474KA88_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Temperature characteristics:B to X7R
	GRM219B11C474KC01_	GRM188R71C474KA88_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Temperature characteristics:B to X7R
	GRM219B11C474MA01_	GRM188R71C474MA88_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Temperature characteristics:B to X7R
	GRM219B11A225KA01_	GRM188R71A225KE15_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Temperature characteristics:B to X7R
	GRM219B11A225MA01_	GRM188R71A225ME15_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Temperature characteristics:B to X7R
	GRM219B11A225MA01_	GRM188R71A225ME15_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Temperature characteristics:B to X7R
	GRM219B11E224JA01_	GRM188R71E224JA88_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Temperature characteristics:B to X7R
	GRM219B11E224KA01_	GRM188R71E224KA88_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Temperature characteristics:B to X7R
	GRM219B11E224KA01_	GRM188R71E224KA88_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Temperature characteristics:B to X7R
	GRM219B11E224KA22_	GRM188R71E224KA88_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Temperature characteristics:B to X7R

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM219B11E224KC01_	GRM188R71E224KA88_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm ・ Temperature characteristics:B to X7R
	GRM219B11E224KC01_	GRM188R71E224KA88_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm ・ Temperature characteristics:B to X7R
	GRM219B11E224KC01_	GRM188R71E224KA88_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm ・ Temperature characteristics:B to X7R
	GRM219B11E224MA01_	GRM188R71E224MA88_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm ・ Temperature characteristics:B to X7R
	GRM219B11C474JA01_	GRM188R71C474KA88_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm ・ Temperature characteristics:B to X7R ・ Capacitance Tolerance:±5% to ±10%
	GRM219B11C274KA01_	GRM188R71C474KA88_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm ・ Temperature characteristics:B to X7R ・ Capacitance:0.27uF to 0.47uF
	GRM219B11C274KC01_	GRM188R71C474KA88_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm ・ Temperature characteristics:B to X7R ・ Capacitance:0.27uF to 0.47uF
	GRM219B11C274KC01_	GRM188R71C474KA88_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm ・ Temperature characteristics:B to X7R ・ Capacitance:0.27uF to 0.47uF
	GRM219B11C274MA01_	GRM188R71C474MA88_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm ・ Temperature characteristics:B to X7R ・ Capacitance:0.27uF to 0.47uF
	GRM219B11E274KA01_	GRM188R71E474KA12_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm ・ Temperature characteristics:B to X7R ・ Capacitance:0.27uF to 0.47uF
	GRM219B11E274KC01_	GRM188R71E474KA12_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm ・ Temperature characteristics:B to X7R ・ Capacitance:0.27uF to 0.47uF
	GRM219B11E274MA01_	GRM188R71E474MA12_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm ・ Temperature characteristics:B to X7R ・ Capacitance:0.27uF to 0.47uF
	GRM219B11C274JA01_	GRM188R71C474KA88_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm ・ Temperature characteristics:B to X7R ・ Capacitance:0.27uF to 0.47uF ・ Capacitance Tolerance:±5% to ±10%
	GRM219B11E274JA01_	GRM188R71E474KA12_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm ・ Temperature characteristics:B to X7R ・ Capacitance:0.27uF to 0.47uF ・ Capacitance Tolerance:±5% to ±10%
	GRM219R11C474KA01_	GRM188R71C474KA88_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm ・ Temperature characteristics:R to X7R
	GRM219R11C474KA01_	GRM188R71C474KA88_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm ・ Temperature characteristics:R to X7R
	GRM219R11C474KC01_	GRM188R71C474KA88_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm ・ Temperature characteristics:R to X7R

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM219R11C474MA01_	GRM188R71C474MA88_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm ・ Temperature characteristics:R to X7R
	GRM219R11E224JA01_	GRM188R71E224JA88_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm ・ Temperature characteristics:R to X7R
	GRM219R11E224KA01_	GRM188R71E224KA88_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm ・ Temperature characteristics:R to X7R
	GRM219R11E224KC01_	GRM188R71E224KA88_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm ・ Temperature characteristics:R to X7R
	GRM219R11E224KC18_	GRM188R71E224KA88_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm ・ Temperature characteristics:R to X7R
	GRM219R11E224MA01_	GRM188R71E224MA88_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm ・ Temperature characteristics:R to X7R
	GRM219R11C474JA01_	GRM188R71C474KA88_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm ・ Temperature characteristics:R to X7R ・ Capacitance Tolerance:±5% to ±10%
	GRM219R11C274KA01_	GRM188R71C474KA88_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm ・ Temperature characteristics:R to X7R ・ Capacitance:0.27uF to 0.47uF
	GRM219R11C274MA01_	GRM188R71C474MA88_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm ・ Temperature characteristics:R to X7R ・ Capacitance:0.27uF to 0.47uF
	GRM219R11E274KA01_	GRM188R71E474KA12_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm ・ Temperature characteristics:R to X7R ・ Capacitance:0.27uF to 0.47uF
	GRM219R11E274KC01_	GRM188R71E474KA12_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm ・ Temperature characteristics:R to X7R ・ Capacitance:0.27uF to 0.47uF
	GRM219R11E274MA01_	GRM188R71E474MA12_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm ・ Temperature characteristics:R to X7R ・ Capacitance:0.27uF to 0.47uF
	GRM219R71E274KA01_	GRM188R71E474KA12_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm ・ Temperature characteristics:R to X7R ・ Capacitance:0.27uF to 0.47uF
	GRM219R71E274MA01_	GRM188R71E474MA12_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm ・ Temperature characteristics:R to X7R ・ Capacitance:0.27uF to 0.47uF
	GRM219R11C274JA01_	GRM188R71C474KA88_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm ・ Temperature characteristics:R to X7R ・ Capacitance:0.27uF to 0.47uF ・ Capacitance Tolerance:±5% to ±10%
	GRM219R11C274JC01_	GRM188R71C474KA88_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm ・ Temperature characteristics:R to X7R ・ Capacitance:0.27uF to 0.47uF ・ Capacitance Tolerance:±5% to ±10%
	GRM219R11E274JA01_	GRM188R71E474KA12_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm ・ Temperature characteristics:R to X7R ・ Capacitance:0.27uF to 0.47uF ・ Capacitance Tolerance:±5% to ±10%

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM219R61E474KC36_	GRM188R71E474KA12_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Temperature characteristics:X5R to X7R
	GRM219R61A225KA01_	GRM188R71A225KE15_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Temperature characteristics:X5R to X7R
	GRM219R61A225MA01_	GRM188R71A225ME15_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Temperature characteristics:X5R to X7R
	GRM219R60J226ME47_	GRM188R60J226MEA0_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 1.00mm
	GRM219R60J226ME58_	GRM188R60J226MEA0_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 1.00mm
	GRM219R60J226MEA0_	GRM188R60J226MEA0_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 1.00mm
	GRM219R61A226MEA0_	GRM188R61A226ME15_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 1.00mm
	GRM219R60G226ME66_	GRM188R60G226MEA0_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 1.00mm
	GRT219C80G106KE01_	GRT188C80J106ME13_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 1.00mm · Rated Voltage:0G to 0J · Capacitance Tolerance:±10% to ±20%
	GRM219C80E226ME47_	GRM188C80G226ME15_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 1.00mm · Rated Voltage:2.5V to 4V
	GRT219R61E225KE01_	GRT188R61H225KE13_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 1.00mm · Rated Voltage:25V to 50V
	GRT219R61E225ME01_	GRT188R61H225KE13_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 1.00mm · Rated Voltage:25V to 50V · Capacitance Tolerance:±20% to ±10%
	GRM219B30J226ME47_	GRM188R60J226MEA0_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 1.00mm · Temperature characteristics:B to X5R
	GRM219B30J226MEA0_	GRM188R60J226MEA0_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 1.00mm · Temperature characteristics:B to X5R
	GRM219B31A226MEA0_	GRM188R61A226ME15_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 1.00mm · Temperature characteristics:B to X5R
	GRM219B31A226MEA0_	GRM188R61A226ME15_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 1.00mm · Temperature characteristics:B to X5R
	GRM219B30G226ME66_	GRM188R60G226MEA0_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 1.00mm · Temperature characteristics:B to X5R

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRT219R61C225KE01_	GRT188C71C225KE13_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 1.00mm · Temperature characteristics:X5R to X7S
	GRT219R61C225ME01_	GRT188C71C225KE13_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 1.00mm · Temperature characteristics:X5R to X7S · Capacitance Tolerance:±20% to ±10%
	GRT219C81C225KE01_	GRT188C71C225KE13_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 1.00mm · Temperature characteristics:X6S to X7S
	GRT219C81C225ME01_	GRT188C71C225KE13_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 1.00mm · Temperature characteristics:X6S to X7S · Capacitance Tolerance:±20% to ±10%
	GRM219D71C225KA12_	GRM188C71C225KE11_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 1.00mm · Temperature characteristics:X7T to X7S
	GRM219D71C225MA12_	GRM188C71C225ME11_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 1.00mm · Temperature characteristics:X7T to X7S
	GRM21BR71H124KA36_	GRM188R71H224KAC4_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):1.35mm to 0.90mm · Capacitance:0.12uF to 0.22uF
	GRM21BR71H154KA01_	GRM188R71H224KAC4_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):1.35mm to 0.90mm · Capacitance:0.15uF to 0.22uF
	GRM21BR71H154KA01_	GRM188R71H224KAC4_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):1.35mm to 0.90mm · Capacitance:0.15uF to 0.22uF
	GRM21BR71H154KA36_	GRM188R71H224KAC4_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):1.35mm to 0.90mm · Capacitance:0.15uF to 0.22uF
	GRM21BR71H154MA01_	GRM188R71H224MAC4_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):1.35mm to 0.90mm · Capacitance:0.15uF to 0.22uF
	GRM21BR71H164KA36_	GRM188R71H224KAC4_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):1.35mm to 0.90mm · Capacitance:0.16uF to 0.22uF
	GRM21BR71H184KA01_	GRM188R71H224KAC4_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):1.35mm to 0.90mm · Capacitance:0.18uF to 0.22uF
	GRM21BR71H184KA36_	GRM188R71H224KAC4_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):1.35mm to 0.90mm · Capacitance:0.18uF to 0.22uF
	GRM21BR71H184MA01_	GRM188R71H224MAC4_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):1.35mm to 0.90mm · Capacitance:0.18uF to 0.22uF
	GRM21BR71C334KA01_	GRM188R71C474KA88_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):1.35mm to 0.90mm · Capacitance:0.33uF to 0.47uF
	GRM21BR71C334KA30_	GRM188R71C474KA88_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):1.35mm to 0.90mm · Capacitance:0.33uF to 0.47uF

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM21BR71C334KA36_	GRM188R71C474KA88_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):1.35mm to 0.90mm · Capacitance:0.33uF to 0.47uF
	GRM21BR71C334MA01_	GRM188R71C474MA88_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):1.35mm to 0.90mm · Capacitance:0.33uF to 0.47uF
	GRM21BR71E334KA01_	GRM188R71E474KA12_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):1.35mm to 0.90mm · Capacitance:0.33uF to 0.47uF
	GRM21BR71E334KA30_	GRM188R71E474KA12_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):1.35mm to 0.90mm · Capacitance:0.33uF to 0.47uF
	GRM21BR71E334KC01_	GRM188R71E474KA12_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):1.35mm to 0.90mm · Capacitance:0.33uF to 0.47uF
	GRM21BR71E334MA01_	GRM188R71E474MA12_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):1.35mm to 0.90mm · Capacitance:0.33uF to 0.47uF
	GRM21BR71C334JA01_	GRM188R71C474KA88_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):1.35mm to 0.90mm · Capacitance:0.33uF to 0.47uF · Capacitance Tolerance:±5% to ±10%
	GRM21BR71E334JA01_	GRM188R71E474KA12_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):1.35mm to 0.90mm · Capacitance:0.33uF to 0.47uF · Capacitance Tolerance:±5% to ±10%
	GRM21BR71C394KA01_	GRM188R71C474KA88_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):1.35mm to 0.90mm · Capacitance:0.39uF to 0.47uF
	GRM21BR71C394KA36_	GRM188R71C474KA88_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):1.35mm to 0.90mm · Capacitance:0.39uF to 0.47uF
	GRM21BR71C394MA01_	GRM188R71C474MA88_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):1.35mm to 0.90mm · Capacitance:0.39uF to 0.47uF
	GRM21BR71E394KA01_	GRM188R71E474KA12_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):1.35mm to 0.90mm · Capacitance:0.39uF to 0.47uF
	GRM21BR71E394MA01_	GRM188R71E474MA12_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):1.35mm to 0.90mm · Capacitance:0.39uF to 0.47uF
	GRM21BR71C394JA01_	GRM188R71C474KA88_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):1.35mm to 0.90mm · Capacitance:0.39uF to 0.47uF · Capacitance Tolerance:±5% to ±10%
	GRM21BR71E394JA01_	GRM188R71E474KA12_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):1.35mm to 0.90mm · Capacitance:0.39uF to 0.47uF · Capacitance Tolerance:±5% to ±10%
	GRM21BB11C334KA01_	GRM188R71C474KA88_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):1.35mm to 0.90mm · Temperature characteristics:B to X7R · Capacitance:0.33uF to 0.47uF
	GRM21BB11C334KA01_	GRM188R71C474KA88_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):1.35mm to 0.90mm · Temperature characteristics:B to X7R · Capacitance:0.33uF to 0.47uF

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM21BB11C334KA01_	GRM188R71C474KA88_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):1.35mm to 0.90mm ・ Temperature characteristics:B to X7R ・ Capacitance:0.33uF to 0.47uF
	GRM21BB11C334KA01_	GRM188R71C474KA88_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):1.35mm to 0.90mm ・ Temperature characteristics:B to X7R ・ Capacitance:0.33uF to 0.47uF
	GRM21BB11C334KA01_	GRM188R71C474KA88_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):1.35mm to 0.90mm ・ Temperature characteristics:B to X7R ・ Capacitance:0.33uF to 0.47uF
	GRM21BB11C334KC01_	GRM188R71C474KA88_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):1.35mm to 0.90mm ・ Temperature characteristics:B to X7R ・ Capacitance:0.33uF to 0.47uF
	GRM21BB11C334MA01_	GRM188R71C474MA88_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):1.35mm to 0.90mm ・ Temperature characteristics:B to X7R ・ Capacitance:0.33uF to 0.47uF
	GRM21BB11C334JA01_	GRM188R71C474KA88_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):1.35mm to 0.90mm ・ Temperature characteristics:B to X7R ・ Capacitance:0.33uF to 0.47uF
	GRM21BB11E334JA01_	GRM188R71E474KA12_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):1.35mm to 0.90mm ・ Temperature characteristics:B to X7R ・ Capacitance:0.33uF to 0.47uF ・ Capacitance Tolerance:±5% to ±10%
	GRM21BB11E334JC01_	GRM188R71E474KA12_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):1.35mm to 0.90mm ・ Temperature characteristics:B to X7R ・ Capacitance:0.33uF to 0.47uF ・ Capacitance Tolerance:±5% to ±10%
	GRM21BB11C394KA01_	GRM188R71C474KA88_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):1.35mm to 0.90mm ・ Temperature characteristics:B to X7R ・ Capacitance:0.39uF to 0.47uF
	GRM21BB11C394KA01_	GRM188R71C474KA88_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):1.35mm to 0.90mm ・ Temperature characteristics:B to X7R ・ Capacitance:0.39uF to 0.47uF
	GRM21BB11C394KA01_	GRM188R71C474KA88_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):1.35mm to 0.90mm ・ Temperature characteristics:B to X7R ・ Capacitance:0.39uF to 0.47uF
	GRM21BB11C394MA01_	GRM188R71C474MA88_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):1.35mm to 0.90mm ・ Temperature characteristics:B to X7R ・ Capacitance:0.39uF to 0.47uF
	GRM21BB11E394KA01_	GRM188R71E474KA12_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):1.35mm to 0.90mm ・ Temperature characteristics:B to X7R ・ Capacitance:0.39uF to 0.47uF
	GRM21BB11E394KA01_	GRM188R71E474KA12_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):1.35mm to 0.90mm ・ Temperature characteristics:B to X7R ・ Capacitance:0.39uF to 0.47uF
	GRM21BB11E394KC01_	GRM188R71E474KA12_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):1.35mm to 0.90mm ・ Temperature characteristics:B to X7R ・ Capacitance:0.39uF to 0.47uF
	GRM21BB11E394MA01_	GRM188R71E474MA12_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):1.35mm to 0.90mm ・ Temperature characteristics:B to X7R ・ Capacitance:0.39uF to 0.47uF
	GRM21BB11C394JA01_	GRM188R71C474KA88_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):1.35mm to 0.90mm ・ Temperature characteristics:B to X7R ・ Capacitance:0.39uF to 0.47uF ・ Capacitance Tolerance:±5% to ±10%

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM21BB11E394JA01_	GRM188R71E474KA12_	・ LW size:2012M(0603inch) to 1608M(0603inch) ・ T size(Max):1.35mm to 0.90mm ・ Temperature characteristics:B to X7R ・ Capacitance:0.39uF to 0.47uF ・ Capacitance Tolerance:±5% to ±10%
	GRM21BR11C334KA01_	GRM188R71C474KA88_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):1.35mm to 0.90mm ・ Temperature characteristics:R to X7R ・ Capacitance:0.33uF to 0.47uF
	GRM21BR11C334KA01_	GRM188R71C474KA88_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):1.35mm to 0.90mm ・ Temperature characteristics:R to X7R ・ Capacitance:0.33uF to 0.47uF
	GRM21BR11C334KC01_	GRM188R71C474KA88_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):1.35mm to 0.90mm ・ Temperature characteristics:R to X7R ・ Capacitance:0.33uF to 0.47uF
	GRM21BR11C334MA01_	GRM188R71C474MA88_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):1.35mm to 0.90mm ・ Temperature characteristics:R to X7R ・ Capacitance:0.33uF to 0.47uF
	GRM21BR11E334KA01_	GRM188R71E474KA12_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):1.35mm to 0.90mm ・ Temperature characteristics:R to X7R ・ Capacitance:0.33uF to 0.47uF
	GRM21BR11E334KA01_	GRM188R71E474KA12_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):1.35mm to 0.90mm ・ Temperature characteristics:R to X7R ・ Capacitance:0.33uF to 0.47uF
	GRM21BR11E334KC01_	GRM188R71E474KA12_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):1.35mm to 0.90mm ・ Temperature characteristics:R to X7R ・ Capacitance:0.33uF to 0.47uF
	GRM21BR11E334MA01_	GRM188R71E474MA12_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):1.35mm to 0.90mm ・ Temperature characteristics:R to X7R ・ Capacitance:0.33uF to 0.47uF
	GRM21BR11E334MC01_	GRM188R71E474MA12_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):1.35mm to 0.90mm ・ Temperature characteristics:R to X7R ・ Capacitance:0.33uF to 0.47uF
	GRM21BR71E334KA01_	GRM188R71E474KA12_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):1.35mm to 0.90mm ・ Temperature characteristics:R to X7R ・ Capacitance:0.33uF to 0.47uF
	GRM21BR11C334JA01_	GRM188R71C474KA88_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):1.35mm to 0.90mm ・ Temperature characteristics:R to X7R ・ Capacitance:0.33uF to 0.47uF ・ Capacitance Tolerance:±5% to ±10%
	GRM21BR11E334JA01_	GRM188R71E474KA12_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):1.35mm to 0.90mm ・ Temperature characteristics:R to X7R ・ Capacitance:0.33uF to 0.47uF ・ Capacitance Tolerance:±5% to ±10%
	GRM21BR11C394KA01_	GRM188R71C474KA88_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):1.35mm to 0.90mm ・ Temperature characteristics:R to X7R ・ Capacitance:0.39uF to 0.47uF
	GRM21BR11C394MA01_	GRM188R71C474MA88_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):1.35mm to 0.90mm ・ Temperature characteristics:R to X7R ・ Capacitance:0.39uF to 0.47uF
	GRM21BR11E394KA01_	GRM188R71E474KA12_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):1.35mm to 0.90mm ・ Temperature characteristics:R to X7R ・ Capacitance:0.39uF to 0.47uF
	GRM21BR11E394KC01_	GRM188R71E474KA12_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):1.35mm to 0.90mm ・ Temperature characteristics:R to X7R ・ Capacitance:0.39uF to 0.47uF

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM21BR11E394MA01_	GRM188R71E474MA12_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):1.35mm to 0.90mm ・ Temperature characteristics:R to X7R ・ Capacitance:0.39uF to 0.47uF
	GRM21BR11C394JA01_	GRM188R71C474KA88_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):1.35mm to 0.90mm ・ Temperature characteristics:R to X7R ・ Capacitance:0.39uF to 0.47uF ・ Capacitance Tolerance:±5% to ±10%
	GRM21BR11E394JA01_	GRM188R71E474KA12_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):1.35mm to 0.90mm ・ Temperature characteristics:R to X7R ・ Capacitance:0.39uF to 0.47uF ・ Capacitance Tolerance:±5% to ±10%
	GRM21BR61C334KA01_	GRM188R71C474KA88_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):1.35mm to 0.90mm ・ Temperature characteristics:X5R to X7R ・ Capacitance:0.33uF to 0.47uF
	GRM21BR61C334MA01_	GRM188R71C474MA88_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):1.35mm to 0.90mm ・ Temperature characteristics:X5R to X7R ・ Capacitance:0.33uF to 0.47uF
	GRM21BR61C334JA01_	GRM188R71C474KA88_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):1.35mm to 0.90mm ・ Temperature characteristics:X5R to X7R ・ Capacitance:0.33uF to 0.47uF ・ Capacitance Tolerance:±5% to ±10%
	GRM21BR61C394KA01_	GRM188R71C474KA88_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):1.35mm to 0.90mm ・ Temperature characteristics:X5R to X7R ・ Capacitance:0.39uF to 0.47uF
	GRM21BR61C394MA01_	GRM188R71C474MA88_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):1.35mm to 0.90mm ・ Temperature characteristics:X5R to X7R ・ Capacitance:0.39uF to 0.47uF
	GRM21BR61C394JA01_	GRM188R71C474KA88_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):1.35mm to 0.90mm ・ Temperature characteristics:X5R to X7R ・ Capacitance:0.39uF to 0.47uF ・ Capacitance Tolerance:±5% to ±10%
	GCM21BR71C334KA14_	GCM188R71C334KA37_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):1.40mm to 0.90mm
	GCM21BR71C334KA51_	GCM188R71C334KA37_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):1.40mm to 0.90mm
	GCM21BR71E154KA01_	GCM188R71E154KA37_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):1.40mm to 0.90mm
	GCM21BR71E154KA02_	GCM188R71E154KA37_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):1.40mm to 0.90mm
	GCM21BR71E154KA14_	GCM188R71E154KA37_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):1.40mm to 0.90mm
	GCM21BR71E154KA15_	GCM188R71E154KA37_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):1.40mm to 0.90mm
	GCM21BR71E154KA37_	GCM188R71E154KA37_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):1.40mm to 0.90mm
	GCM21BR71E154KA66_	GCM188R71E154KA37_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):1.40mm to 0.90mm

	Current Murata PN	Alternative Murata PN	相違点/difference
	GCM21BR71E154MA01_	GCM188R71E154MA37_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):1.40mm to 0.90mm
	GCM21BR71E154MA37_	GCM188R71E154MA37_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):1.40mm to 0.90mm
	GCM21BR71E154MA66_	GCM188R71E154MA37_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):1.40mm to 0.90mm
	GCM21BR71E184KA01_	GCM188R71E184KA55_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):1.40mm to 0.90mm
	GCM21BR71E184KA02_	GCM188R71E184KA55_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):1.40mm to 0.90mm
	GCM21BR71E184KA37_	GCM188R71E184KA55_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):1.40mm to 0.90mm
	GCM21BR71E184MA01_	GCM188R71E184MA55_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):1.40mm to 0.90mm
	GCM21BR71E184MA37_	GCM188R71E184MA55_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):1.40mm to 0.90mm
	GCM21BR71E154JA14_	GCM188R71E154KA37_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):1.40mm to 0.90mm · Capacitance Tolerance:±5% to ±10%
	GCM21BR71E154JA37_	GCM188R71E154KA37_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):1.40mm to 0.90mm · Capacitance Tolerance:±5% to ±10%
	GCM21BR71E154JA66_	GCM188R71E154KA37_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):1.40mm to 0.90mm · Capacitance Tolerance:±5% to ±10%
	GCM21BR71E184JA37_	GCM188R71E184KA55_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):1.40mm to 0.90mm · Capacitance Tolerance:±5% to ±10%
	GCM21BR11E154KA01_	GCM188R71E154KA37_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):1.40mm to 0.90mm · Temperature characteristics:R to X7R
	GCM21BR11E154MA01_	GCM188R71E154MA37_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):1.40mm to 0.90mm · Temperature characteristics:R to X7R
	GCM21BR11E184KA01_	GCM188R71E184KA55_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):1.40mm to 0.90mm · Temperature characteristics:R to X7R
	GCM21BR11E184MA01_	GCM188R71E184MA55_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):1.40mm to 0.90mm · Temperature characteristics:R to X7R
	GRM21BB31H154KA88_	GRM155R61H224KE01_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):1.35mm to 0.55mm · Temperature characteristics:B to X5R · Capacitance:0.15uF to 0.22uF

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM21BB31H154KA88_	GRM155R61H224KE01_	・ LW size:2012M(0805inch) to 1005M(0402inch) ・ T size(Max):1.35mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Capacitance:0.15uF to 0.22uF
	GRM21BB31H154MA88_	GRM155R61H224ME01_	・ LW size:2012M(0805inch) to 1005M(0402inch) ・ T size(Max):1.35mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Capacitance:0.15uF to 0.22uF
	GRM319R71H221KA01_	GRM033R71H221KA12_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm
	GRM319R71H221MA01_	GRM033R71H221MA12_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm
	GRM319R71H331KA01_	GRM033R71H331KA12_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm
	GRM319R71H331MA01_	GRM033R71H331MA12_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm
	GRM319R71H391KA01_	GRM033R71H391KA12_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm
	GRM319R71H391MA01_	GRM033R71H391MA12_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm
	GRM319R71H471KA01_	GRM033R71H471KA12_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm
	GRM319R71H471MA01_	GRM033R71H471MA12_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm
	GRM319R71H561KA01_	GRM033R71H561KA12_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm
	GRM319R71H561MA01_	GRM033R71H561MA12_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm
	GRM319R71H681KA01_	GRM033R71H681KA12_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm
	GRM319R71H681MA01_	GRM033R71H681MA12_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm
	GRM319R71H821KA01_	GRM033R71H821KA12_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm
	GRM319R71H821MA01_	GRM033R71H821MA12_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm
	GRM319R71H102KA01_	GRM033R71H102KA12_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM319R71H102MA01_	GRM033R71H102MA12_	· LW size:3216M(1206inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm
	GRM319R71H152KA01_	GRM033R71H152KA12_	· LW size:3216M(1206inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm
	GRM319R71H152MA01_	GRM033R71H152MA12_	· LW size:3216M(1206inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm
	GRM319R71H122KA01_	GRM033R71H122KA12_	· LW size:3216M(1206inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm
	GRM319R71H122MA01_	GRM033R71H122MA12_	· LW size:3216M(1206inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm
	GRM319R71H271KA01_	GRM033R71H271KA12_	· LW size:3216M(1206inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm
	GRM319R71H271MA01_	GRM033R71H271MA12_	· LW size:3216M(1206inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm
	GRM319R71H221JA01_	GRM033R71H221KA12_	· LW size:3216M(1206inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Capacitance Tolerance:±5% to ±10%
	GRM319R71H331JA01_	GRM033R71H331KA12_	· LW size:3216M(1206inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Capacitance Tolerance:±5% to ±10%
	GRM319R71H391JA01_	GRM033R71H391KA12_	· LW size:3216M(1206inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Capacitance Tolerance:±5% to ±10%
	GRM319R71H471JA01_	GRM033R71H471KA12_	· LW size:3216M(1206inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Capacitance Tolerance:±5% to ±10%
	GRM319R71H561JA01_	GRM033R71H561KA12_	· LW size:3216M(1206inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Capacitance Tolerance:±5% to ±10%
	GRM319R71H681JA01_	GRM033R71H681KA12_	· LW size:3216M(1206inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Capacitance Tolerance:±5% to ±10%
	GRM319R71H821JA01_	GRM033R71H821KA12_	· LW size:3216M(1206inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Capacitance Tolerance:±5% to ±10%
	GRM319R71H102JA01_	GRM033R71H102KA12_	· LW size:3216M(1206inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Capacitance Tolerance:±5% to ±10%
	GRM319R71H102JA01_	GRM033R71H102KA12_	· LW size:3216M(1206inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Capacitance Tolerance:±5% to ±10%
	GRM319R71H152JA01_	GRM033R71H152KA12_	· LW size:3216M(1206inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Capacitance Tolerance:±5% to ±10%

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM319R71H122JA01_	GRM033R71H122KA12_	· LW size:3216M(1206inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Capacitance Tolerance:±5% to ±10%
	GRM319R71H271JA01_	GRM033R71H271KA12_	· LW size:3216M(1206inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Capacitance Tolerance:±5% to ±10%
	GRM319B11C104KA01_	GRM033R61C104KE14_	· LW size:3216M(1206inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Temperature characteristics:B to X5R
	GRM319B11C104KA01_	GRM033R61C104KE14_	· LW size:3216M(1206inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Temperature characteristics:B to X5R
	GRM319B11C104MA01_	GRM033R61C104ME14_	· LW size:3216M(1206inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Temperature characteristics:B to X5R
	GRM319B11C104MA01_	GRM033R61C104ME14_	· LW size:3216M(1206inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Temperature characteristics:B to X5R
	GRM319B11C683KA01_	GRM033R61C683KE84_	· LW size:3216M(1206inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Temperature characteristics:B to X5R
	GRM319B11C683MA01_	GRM033R61C683ME84_	· LW size:3216M(1206inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Temperature characteristics:B to X5R
	GRM319B11C823KA01_	GRM033R61C823KE84_	· LW size:3216M(1206inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Temperature characteristics:B to X5R
	GRM319B11C823MA01_	GRM033R61C823ME84_	· LW size:3216M(1206inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Temperature characteristics:B to X5R
	GRM319B11H221KA01_	GRM033R61H221KA12_	· LW size:3216M(1206inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Temperature characteristics:B to X5R
	GRM319B11H331KA01_	GRM033R61H331KA12_	· LW size:3216M(1206inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Temperature characteristics:B to X5R
	GRM319B11H471KA01_	GRM033R61H471KA12_	· LW size:3216M(1206inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Temperature characteristics:B to X5R
	GRM319B11H471KA59_	GRM033R61H471KA12_	· LW size:3216M(1206inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Temperature characteristics:B to X5R
	GRM319B11H681KA01_	GRM033R61H681KA12_	· LW size:3216M(1206inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Temperature characteristics:B to X5R
	GRM319B11H102KA01_	GRM033R61H102KA12_	· LW size:3216M(1206inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Temperature characteristics:B to X5R
	GRM319B11H102KA01_	GRM033R61H102KA12_	· LW size:3216M(1206inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Temperature characteristics:B to X5R

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM319B11H152KA01_	GRM033R61H152KA12_	· LW size:3216M(1206inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Temperature characteristics:B to X5R
	GRM319B11E104KA01_	GRM033R61E104KE14_	· LW size:3216M(1206inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Temperature characteristics:B to X5R
	GRM319B11E104KA01_	GRM033R61E104KE14_	· LW size:3216M(1206inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Temperature characteristics:B to X5R
	GRM319B11E104KA01_	GRM033R61E104KE14_	· LW size:3216M(1206inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Temperature characteristics:B to X5R
	GRM319B11E104KA01_	GRM033R61E104KE14_	· LW size:3216M(1206inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Temperature characteristics:B to X5R
	GRM319B11E104KA22_	GRM033R61E104KE14_	· LW size:3216M(1206inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Temperature characteristics:B to X5R
	GRM319B11E104MA01_	GRM033R61E104ME14_	· LW size:3216M(1206inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Temperature characteristics:B to X5R
	GRM319B11E104MA01_	GRM033R61E104ME14_	· LW size:3216M(1206inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Temperature characteristics:B to X5R
	GRM319B11C224KA01_	GRM033R61C224KE14_	· LW size:3216M(1206inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Temperature characteristics:B to X5R
	GRM319B11C224KA01_	GRM033R61C224KE14_	· LW size:3216M(1206inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Temperature characteristics:B to X5R
	GRM319B11C224MA01_	GRM033R61C224ME14_	· LW size:3216M(1206inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Temperature characteristics:B to X5R
	GRM319B11H221MA01_	GRM033R61H221KA12_	· LW size:3216M(1206inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Temperature characteristics:B to X5R · Capacitance Tolerance:±20% to ±10%
	GRM319B11H331MA01_	GRM033R61H331KA12_	· LW size:3216M(1206inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Temperature characteristics:B to X5R · Capacitance Tolerance:±20% to ±10%
	GRM319B11H471MA01_	GRM033R61H471KA12_	· LW size:3216M(1206inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Temperature characteristics:B to X5R · Capacitance Tolerance:±20% to ±10%
	GRM319B11H681MA01_	GRM033R61H681KA12_	· LW size:3216M(1206inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Temperature characteristics:B to X5R · Capacitance Tolerance:±20% to ±10%
	GRM319B11H102MA01_	GRM033R61H102KA12_	· LW size:3216M(1206inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Temperature characteristics:B to X5R · Capacitance Tolerance:±20% to ±10%
	GRM319B11H152MA01_	GRM033R61H152KA12_	· LW size:3216M(1206inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Temperature characteristics:B to X5R · Capacitance Tolerance:±20% to ±10%

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM319B11C104JA01_	GRM033R61C104KE18_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:B to X5R ・ Capacitance Tolerance:±5% to ±10%
	GRM319B11C224JA01_	GRM033R61C224KE14_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:B to X5R ・ Capacitance Tolerance:±5% to ±10%
	GRM319B11C683JA01_	GRM033R61C683KE84_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:B to X5R ・ Capacitance Tolerance:±5% to ±10%
	GRM319B11C823JA01_	GRM033R61C823KE84_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:B to X5R ・ Capacitance Tolerance:±5% to ±10%
	GRM319B11E563KA01_	GRM033R61E104KE14_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:B to X5R ・ Capacitance:56nF to 100nF
	GRM319B11E563KA01_	GRM033R61E104KE14_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:B to X5R ・ Capacitance:56nF to 100nF
	GRM319B11E563KA01_	GRM033R61E104KE14_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:B to X5R ・ Capacitance:56nF to 100nF
	GRM319B11E563MA01_	GRM033R61E104ME14_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:B to X5R ・ Capacitance:56nF to 100nF
	GRM319B11E563JA01_	GRM033R61E104KE14_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:B to X5R ・ Capacitance:56nF to 100nF ・ Capacitance Tolerance:±5% to ±10%
	GRM319B11E683JA01_	GRM033R61E104KE14_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:B to X5R ・ Capacitance:68nF to 100nF
	GRM319B11E683KA01_	GRM033R61E104KE14_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:B to X5R ・ Capacitance:68nF to 100nF
	GRM319B11E683KA01_	GRM033R61E104KE14_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:B to X5R ・ Capacitance:68nF to 100nF
	GRM319B11E683KA01_	GRM033R61E104KE14_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:B to X5R ・ Capacitance:68nF to 100nF
	GRM319B11E683MA01_	GRM033R61E104ME14_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:B to X5R ・ Capacitance:68nF to 100nF
	GRM319B11E823JA01_	GRM033R61E104KE14_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:B to X5R ・ Capacitance:82nF to 100nF
	GRM319B11E823KA01_	GRM033R61E104KE14_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:B to X5R ・ Capacitance:82nF to 100nF
	GRM319B11E823KA01_	GRM033R61E104KE14_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:B to X5R ・ Capacitance:82nF to 100nF

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM319B11E823MA01_	GRM033R61E104ME14_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:B to X5R ・ Capacitance:82nF to 100nF
	GRM319B11H391KA01_	GRM033R71H391KA12_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:B to X7R
	GRM319B11H391MA01_	GRM033R71H391MA12_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:B to X7R
	GRM319B11H561KA01_	GRM033R71H561KA12_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:B to X7R
	GRM319B11H561MA01_	GRM033R71H561MA12_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:B to X7R
	GRM319B11H821KA01_	GRM033R71H821KA12_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:B to X7R
	GRM319B11H821MA01_	GRM033R71H821MA12_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:B to X7R
	GRM319B11H122KA01_	GRM033R71H122KA12_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:B to X7R
	GRM319B11H122MA01_	GRM033R71H122MA12_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:B to X7R
	GRM319B11H271KA01_	GRM033R71H271KA12_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:B to X7R
	GRM319B11H271MA01_	GRM033R71H271MA12_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:B to X7R
	GRM319B11H221JA01_	GRM033R71H221KA12_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:B to X7R ・ Capacitance Tolerance:±5% to ±10%
	GRM319B11H331JA01_	GRM033R71H331KA12_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:B to X7R ・ Capacitance Tolerance:±5% to ±10%
	GRM319B11H391JA01_	GRM033R71H391KA12_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:B to X7R ・ Capacitance Tolerance:±5% to ±10%
	GRM319B11H471JA01_	GRM033R71H471KA12_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:B to X7R ・ Capacitance Tolerance:±5% to ±10%
	GRM319B11H561JA01_	GRM033R71H561KA12_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:B to X7R ・ Capacitance Tolerance:±5% to ±10%
	GRM319B11H681JA01_	GRM033R71H681KA12_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:B to X7R ・ Capacitance Tolerance:±5% to ±10%

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM319B11H821JA01_	GRM033R71H821KA12_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:B to X7R ・ Capacitance Tolerance:±5% to ±10%
	GRM319B11H102JA01_	GRM033R71H102KA12_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:B to X7R ・ Capacitance Tolerance:±5% to ±10%
	GRM319B11H152JA01_	GRM033R71H152KA12_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:B to X7R ・ Capacitance Tolerance:±5% to ±10%
	GRM319B11H122JA01_	GRM033R71H122KA12_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:B to X7R ・ Capacitance Tolerance:±5% to ±10%
	GRM319B11H271JA01_	GRM033R71H271KA12_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:B to X7R ・ Capacitance Tolerance:±5% to ±10%
	GRM319R11C104KA01_	GRM033R61C104KE14_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:R to X5R
	GRM319R11C104KA01_	GRM033R61C104KE14_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:R to X5R
	GRM319R11C104KA01_	GRM033R61C104KE14_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:R to X5R
	GRM319R11C104MA01_	GRM033R61C104ME14_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:R to X5R
	GRM319R11C224JA01_	GRM033R61C224KE14_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:R to X5R ・ Capacitance Tolerance:±5% to ±10%
	GRM319R11C224JA01_	GRM033R61C224KE14_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:R to X5R ・ Capacitance Tolerance:±5% to ±10%
	GRM319R11C683KA01_	GRM033R61C104KE14_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:R to X5R ・ Capacitance:68nF to 100nF
	GRM319R11C683MA01_	GRM033R61C104ME14_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:R to X5R ・ Capacitance:68nF to 100nF
	GRM319R11C823KA01_	GRM033R61C104KE14_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:R to X5R ・ Capacitance:82nF to 100nF
	GRM319R11C823MA01_	GRM033R61C104ME14_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:R to X5R ・ Capacitance:82nF to 100nF
	GRM319R11H221KA01_	GRM033R71H221KA12_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:R to X7R
	GRM319R11H221MA01_	GRM033R71H221MA12_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:R to X7R

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM319R11H331KA01_	GRM033R71H331KA12_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:R to X7R
	GRM319R11H331MA01_	GRM033R71H331MA12_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:R to X7R
	GRM319R11H391KA01_	GRM033R71H391KA12_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:R to X7R
	GRM319R11H391MA01_	GRM033R71H391MA12_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:R to X7R
	GRM319R11H471KA01_	GRM033R71H471KA12_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:R to X7R
	GRM319R11H471MA01_	GRM033R71H471MA12_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:R to X7R
	GRM319R11H561KA01_	GRM033R71H561KA12_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:R to X7R
	GRM319R11H561MA01_	GRM033R71H561MA12_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:R to X7R
	GRM319R11H681KA01_	GRM033R71H681KA12_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:R to X7R
	GRM319R11H681MA01_	GRM033R71H681MA12_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:R to X7R
	GRM319R11H821KA01_	GRM033R71H821KA12_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:R to X7R
	GRM319R11H821MA01_	GRM033R71H821MA12_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:R to X7R
	GRM319R11H102KA01_	GRM033R71H102KA12_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:R to X7R
	GRM319R11H102KA01_	GRM033R71H102KA12_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:R to X7R
	GRM319R11H102MA01_	GRM033R71H102MA12_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:R to X7R
	GRM319R11H152KA01_	GRM033R71H152KA12_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:R to X7R
	GRM319R11H152MA01_	GRM033R71H152MA12_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:R to X7R

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM319R11H122KA01_	GRM033R71H122KA12_	· LW size:3216M(1206inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Temperature characteristics:R to X7R
	GRM319R11H122MA01_	GRM033R71H122MA12_	· LW size:3216M(1206inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Temperature characteristics:R to X7R
	GRM319R11H271KA01_	GRM033R71H271KA12_	· LW size:3216M(1206inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Temperature characteristics:R to X7R
	GRM319R11H271MA01_	GRM033R71H271MA12_	· LW size:3216M(1206inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Temperature characteristics:R to X7R
	GRM319R11H221JA01_	GRM033R71H221KA12_	· LW size:3216M(1206inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Temperature characteristics:R to X7R · Capacitance Tolerance:±5% to ±10%
	GRM319R11H331JA01_	GRM033R71H331KA12_	· LW size:3216M(1206inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Temperature characteristics:R to X7R · Capacitance Tolerance:±5% to ±10%
	GRM319R11H391JA01_	GRM033R71H391KA12_	· LW size:3216M(1206inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Temperature characteristics:R to X7R · Capacitance Tolerance:±5% to ±10%
	GRM319R11H471JA01_	GRM033R71H471KA12_	· LW size:3216M(1206inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Temperature characteristics:R to X7R · Capacitance Tolerance:±5% to ±10%
	GRM319R11H561JA01_	GRM033R71H561KA12_	· LW size:3216M(1206inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Temperature characteristics:R to X7R · Capacitance Tolerance:±5% to ±10%
	GRM319R11H681JA01_	GRM033R71H681KA12_	· LW size:3216M(1206inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Temperature characteristics:R to X7R · Capacitance Tolerance:±5% to ±10%
	GRM319R11H821JA01_	GRM033R71H821KA12_	· LW size:3216M(1206inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Temperature characteristics:R to X7R · Capacitance Tolerance:±5% to ±10%
	GRM319R11H102JA01_	GRM033R71H102KA12_	· LW size:3216M(1206inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Temperature characteristics:R to X7R · Capacitance Tolerance:±5% to ±10%
	GRM319R11H152JA01_	GRM033R71H152KA12_	· LW size:3216M(1206inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Temperature characteristics:R to X7R · Capacitance Tolerance:±5% to ±10%
	GRM319R11H122JA01_	GRM033R71H122KA12_	· LW size:3216M(1206inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Temperature characteristics:R to X7R · Capacitance Tolerance:±5% to ±10%
	GRM319R11H271JA01_	GRM033R71H271KA12_	· LW size:3216M(1206inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Temperature characteristics:R to X7R · Capacitance Tolerance:±5% to ±10%
	GRM319R11C104JA01_	GRM033C71C104KE14_	· LW size:3216M(1206inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Temperature characteristics:R to X7S · Capacitance Tolerance:±5% to ±10%
	GRM319R11C683JA01_	GRM033C71C104KE14_	· LW size:3216M(1206inch) to 0603M(0201inch) · T size(Max):0.95mm to 0.33mm · Temperature characteristics:R to X7S · Capacitance:68nF to 100nF · Capacitance Tolerance:±5% to ±10%

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM319R11C823JA01_	GRM033C71C104KE14_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:R to X7S ・ Capacitance:87nF to 100nF ・ Capacitance Tolerance:±5% to ±10%
	GRM319R71C104KA01_	GRM033C71C104KE14_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature Characteristics:X7R to X7S
	GRM319R71C104MA01_	GRM033C71C104ME14_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature Characteristics:X7R to X7S
	GRM319R71C104JA01_	GRM033C71C104KE14_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:X7R to X7S ・ Capacitance Tolerance:±5% to ±10%
	GRM319R71C683KA01_	GRM033C71C104KE14_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature Characteristics:X7R to X7S ・ Capacitance:68nF to 100nF
	GRM319R71C683MA01_	GRM033C71C104ME14_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature Characteristics:X7R to X7S ・ Capacitance:68nF to 100nF
	GRM319R71C683JA01_	GRM033C71C104KE14_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:X7R to X7S ・ Capacitance:68nF to 100nF ・ Capacitance Tolerance:±5% to ±10%
	GRM319R71C823KA01_	GRM033C71C104KE14_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature Characteristics:X7R to X7S ・ Capacitance:82nF to 100nF
	GRM319R71C823MA01_	GRM033C71C104ME14_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature Characteristics:X7R to X7S ・ Capacitance:82nF to 100nF
	GRM319R71C823JA01_	GRM033C71C104KE14_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.33mm ・ Temperature characteristics:X7R to X7S ・ Capacitance:87nF to 100nF ・ Capacitance Tolerance:±5% to ±10%
	GRM319R61A105KA01_	GRM033R61A105ME01_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.35mm ・ Capacitance Tolerance:±10% to ±20%
	GRM319B11A105KA01_	GRM033R61A105ME01_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.35mm ・ Temperature Characteristics:B to X5R ・ Capacitance Tolerance:±10% to ±20%
	GRM319B11A105KA01_	GRM033R61A105ME01_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.35mm ・ Temperature Characteristics:B to X5R ・ Capacitance Tolerance:±10% to ±20%
	GRM319B11A105KC01_	GRM033R61A105ME01_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):0.95mm to 0.35mm ・ Temperature Characteristics:B to X5R ・ Capacitance Tolerance:±10% to ±20%
	GRM31MB11E104KA01_	GRM033R61E104KE14_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):1.25mm to 0.33mm ・ Temperature characteristics:B to X5R
	GRM31MB11E104MA01_	GRM033R61E104ME14_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):1.25mm to 0.33mm ・ Temperature characteristics:B to X5R
	GRM31MB11C224KA01_	GRM033R61C224KE14_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):1.25mm to 0.33mm ・ Temperature characteristics:B to X5R

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM31MB11C224KA01_	GRM033R61C224KE14_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):1.25mm to 0.33mm ・ Temperature characteristics:B to X5R
	GRM31MB11C224MA01_	GRM033R61C224ME14_	・ LW size:3216M(1206inch) to 0603M(0201inch) ・ T size(Max):1.25mm to 0.33mm ・ Temperature characteristics:B to X5R
	GRM316R61A225KA01_	GRM155R61A225KE01_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.70mm to 0.55mm
	GRM316R61A225MA01_	GRM155R61A225ME01_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.70mm to 0.55mm
	GRM316B11A225KA01_	GRM155R61A225KE01_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.70mm to 0.55mm ・ Temperature characteristics:B to X5R
	GRM316B11A225MA01_	GRM155R61A225ME01_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.70mm to 0.55mm ・ Temperature characteristics:B to X5R
	GRM316R61A335ME19_	GRM155R61A475MEAA_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.70mm to 0.65mm ・ Capacitance:3.3uF to 4.7uF
	GRM316B31A335ME18_	GRM155R61A475MEAA_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.70mm to 0.65mm ・ Temperature characteristics:B to X5R ・ Capacitance:3.3uF to 4.7uF
	GRM316B31A335ME18_	GRM155R61A475MEAA_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.70mm to 0.65mm ・ Temperature characteristics:B to X5R ・ Capacitance:3.3uF to 4.7uF
	GRM319R72A221KA01_	GRM155R72A221KA01_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GRM319R72A221MA01_	GRM155R72A221MA01_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GRM319R72A471KA01_	GRM155R72A471KA01_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GRM319R72A471MA01_	GRM155R72A471MA01_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GRM319R72A102KA01_	GRM155R72A102KA01_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GRM319R72A102KA26_	GRM155R72A102KA01_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GRM319R72A102MA01_	GRM155R72A102MA01_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GRM319R71H222JA01_	GRM155R71H222JA01_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM319R71H222KA01_	GRM155R71H222KA01_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GRM319R71H222MA01_	GRM155R71H222MA01_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GRM319R71H472JA01_	GRM155R71H472JA01_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GRM319R71H472JA01_	GRM155R71H472JA01_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GRM319R71H472KA01_	GRM155R71H472KA01_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GRM319R71H472MA01_	GRM155R71H472MA01_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GRM319R72A222KA01_	GRM155R72A222KA01_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GRM319R72A222KA01_	GRM155R72A222KA01_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GRM319R72A222KA26_	GRM155R72A222KA01_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GRM319R72A222MA01_	GRM155R72A222MA01_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GRM319R72A472KA01_	GRM155R72A472KA01_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GRM319R72A472MA01_	GRM155R72A472MA01_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R71H104KA01_	GCM155R71H104KE37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R71H104KA02_	GCM155R71H104KE37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R71H104KA17_	GCM155R71H104KE37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R71H104KA37_	GCM155R71H104ME37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R71H104KA37_	GCM155R71H104KE37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm

	Current Murata PN	Alternative Murata PN	相違点/difference
	GCM319R71H104MA01_	GCM155R71H104ME37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R71H104MA02_	GCM155R71H104ME37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R71H104MA37_	GCM155R71H104ME37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R71H153KA01_	GCM155R71H153KA55_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R71H153MA01_	GCM155R71H153MA55_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R71H223KA01_	GCM155R71H223KA55_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R71H223KA02_	GCM155R71H223KA55_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R71H223MA01_	GCM155R71H223MA55_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GRM319R71E104KA01_	GRM155R71E104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GRM319R71E104MA01_	GRM155R71E104ME14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GRM319R71H104KA01_	GRM155R71H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GRM319R71H104KA01_	GRM155R71H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GRM319R71H104KA01_	GRM155R71H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GRM319R71H104KA26_	GRM155R71H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GRM319R71H104MA01_	GRM155R71H104ME14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GRM319R71H104MA01_	GRM155R71H104ME14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GRM319R71H224KA01_	GRM155R71C224KA12_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM319R71H224KA01_	GRM155R71C224KA12_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GRM319R71H224KA26_	GRM155R71C224KA12_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GRM319R71H224MA01_	GRM155R71C224MA12_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GRM319R61A225KA01_	GRM155R61A225KE01_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GRM319R61E105KC36_	GRM155R61E105KA12_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GRM319R61E105MC36_	GRM155R61E105MA12_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R71H221KA01_	GCM155R71H221KA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R71H221MA01_	GCM155R71H221MA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R72A221KA01_	GCM155R72A221KA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R72A221MA01_	GCM155R72A221MA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R71H331KA01_	GCM155R71H331KA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R71H331MA01_	GCM155R71H331MA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R72A331KA01_	GCM155R72A331KA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R72A331MA01_	GCM155R72A331MA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R71H391KA01_	GCM155R71H391KA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R71H391MA01_	GCM155R71H391MA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R72A391KA01_	GCM155R72A391KA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm

	Current Murata PN	Alternative Murata PN	相違点/difference
	GCM319R72A391MA01_	GCM155R72A391MA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R71H471KA01_	GCM155R71H471KA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R71H471MA01_	GCM155R71H471MA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R72A471KA01_	GCM155R72A471KA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R72A471MA01_	GCM155R72A471MA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R71H561KA01_	GCM155R71H561KA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R71H561MA01_	GCM155R71H561MA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R72A561KA01_	GCM155R72A561KA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R72A561MA01_	GCM155R72A561MA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R71H681KA01_	GCM155R71H681KA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R71H681MA01_	GCM155R71H681MA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R72A681KA01_	GCM155R72A681KA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R72A681MA01_	GCM155R72A681MA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R71H821KA01_	GCM155R71H821KA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R71H821MA01_	GCM155R71H821MA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R72A821KA01_	GCM155R72A821KA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R72A821MA01_	GCM155R72A821MA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm

	Current Murata PN	Alternative Murata PN	相違点/difference
	GCM319R71H102KA01_	GCM155R71H102KA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R71H102KA02_	GCM155R71H102KA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R71H102MA01_	GCM155R71H102MA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R72A102KA01_	GCM155R72A102KA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R72A102KA02_	GCM155R72A102KA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R72A102MA01_	GCM155R72A102MA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R71H152KA01_	GCM155R71H152KA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R71H152MA01_	GCM155R71H152MA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R72A152KA01_	GCM155R72A152KA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R72A152MA01_	GCM155R72A152MA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R71H182KA01_	GCM155R71H182KA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R71H182MA01_	GCM155R71H182MA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R71H222KA01_	GCM155R71H222KA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R71H222KA02_	GCM155R71H222KA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R71H222MA01_	GCM155R71H222MA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R71H272KA01_	GCM155R71H272KA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R71H272MA01_	GCM155R71H272MA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm

	Current Murata PN	Alternative Murata PN	相違点/difference
	GCM319R71H332KA01_	GCM155R71H332KA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R71H332MA01_	GCM155R71H332MA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R71H392KA01_	GCM155R71H392KA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R71H392MA01_	GCM155R71H392MA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R71H472KA01_	GCM155R71H472KA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R71H472KA02_	GCM155R71H472KA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R71H472MA01_	GCM155R71H472MA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R71H562KA01_	GCM155R71H562KA55_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R71H562MA01_	GCM155R71H562MA55_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R71H682KA01_	GCM155R71H682KA55_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R71H682MA01_	GCM155R71H682MA55_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R71H822KA01_	GCM155R71H822KA55_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R71H822MA01_	GCM155R71H822MA55_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R72A182KA01_	GCM155R72A182KA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R72A182KA02_	GCM155R72A182KA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R72A182KA17_	GCM155R72A182KA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R72A182MA01_	GCM155R72A182MA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm

	Current Murata PN	Alternative Murata PN	相違点/difference
	GCM319R72A222KA01_	GCM155R72A222KA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R72A222MA01_	GCM155R72A222MA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R72A272KA01_	GCM155R72A272KA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R72A272MA01_	GCM155R72A272MA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R72A332KA01_	GCM155R72A332KA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R72A332KA02_	GCM155R72A332KA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R72A332MA01_	GCM155R72A332MA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R72A392KA01_	GCM155R72A392KA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R72A392MA01_	GCM155R72A392MA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R72A472KA01_	GCM155R72A472KA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R72A472KA02_	GCM155R72A472KA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R72A472MA01_	GCM155R72A472MA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GRM319R71H103JA01_	GRM155R71H103JA88_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GRM319R71H103KA01_	GRM155R71H103KA88_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GRM319R71H103KA01_	GRM155R71H103KA88_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GRM319R71H103MA01_	GRM155R71H103MA88_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R71H123KA01_	GCM155R71H123KA55_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm

	Current Murata PN	Alternative Murata PN	相違点/difference
	GCM319R71H123MA01_	GCM155R71H123MA55_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R71H183KA01_	GCM155R71H183KA55_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R71H183MA01_	GCM155R71H183MA55_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GRM319R71E473JA01_	GRM155R71E473JA88_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GRM319R71E473KA01_	GRM155R71E473KA88_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GRM319R71E473MA01_	GRM155R71E473MA88_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GRM319R71H223JA01_	GRM155R71H223JA12_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GRM319R71H223JA26_	GRM155R71H223JA12_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GRM319R71H223KA01_	GRM155R71H223KA12_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GRM319R71H223KA26_	GRM155R71H223KA12_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GRM319R71H223MA01_	GRM155R71H223MA12_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GRM319R71C224KA01_	GRM155R71C224KA12_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GRM319R71C224MA01_	GRM155R71C224MA12_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GRM319R61C105KAA3_	GRM155R61C105KA12_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GRM319R61C105MAA3_	GRM155R61C105MA12_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R71H122KA01_	GCM155R71H122KA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm
	GCM319R71H122MA01_	GCM155R71H122MA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm

	Current Murata PN	Alternative Murata PN	相違点/difference
	GCM319R71H271KA01_	GCM155R71H271KA37_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm
	GCM319R71H271MA01_	GCM155R71H271MA37_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm
	GCM319R72A122KA01_	GCM155R72A122KA37_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm
	GCM319R72A122MA01_	GCM155R72A122MA37_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm
	GCM319R72A271KA01_	GCM155R72A271KA37_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm
	GCM319R72A271MA01_	GCM155R72A271MA37_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm
	GRM319R72A221JA01_	GRM155R72A221KA01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance Tolerance:±5% to ±10%
	GRM319R72A471JA01_	GRM155R72A471KA01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance Tolerance:±5% to ±10%
	GRM319R72A102JA01_	GRM155R72A102KA01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance Tolerance:±5% to ±10%
	GRM319R72A222JA01_	GRM155R72A222KA01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance Tolerance:±5% to ±10%
	GRM319R72A472JA01_	GRM155R72A472KA01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance Tolerance:±5% to ±10%
	GRM319R71E104JA01_	GRM155R71E104KE14_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance Tolerance:±5% to ±10%
	GRM319R71H104JA01_	GRM155R71H104KE14_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance Tolerance:±5% to ±10%
	GRM319R71H104JA01_	GRM155R71H104KE14_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance Tolerance:±5% to ±10%
	GRM319R71H104JA26_	GRM155R71H104KE14_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance Tolerance:±5% to ±10%
	GRM319R71C224JA01_	GRM155R71C224KA12_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance Tolerance:±5% to ±10%
	GCM319R71H103JA01_	GCM155R71H103KA55_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance Tolerance:±5% to ±10%

	Current Murata PN	Alternative Murata PN	相違点/difference
	GCM319R72A272JA17_	GCM155R72A272KA37_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance Tolerance:±5% to ±10%
	GCM319R71H104JA17_	GCM155R71H104KE02_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance Tolerance:±5% to ±10%
	GCM319R71H104JA37_	GCM155R71H104KE02_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance Tolerance:±5% to ±10%
	GCM319R71H123JA01_	GCM155R71H123KA55_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance Tolerance:±5% to ±10%
	GCM319R71H153JA01_	GCM155R71H153KA55_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance Tolerance:±5% to ±10%
	GCM319R71H183JA01_	GCM155R71H183KA55_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance Tolerance:±5% to ±10%
	GCM319R71H223JA01_	GCM155R71H223KA55_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance Tolerance:±5% to ±10%
	GRM319R71H123JA01_	GRM155R71H223JA12_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance:12nF to 22nF
	GRM319R71H123KA01_	GRM155R71H223KA12_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance:12nF to 22nF
	GRM319R71H123MA01_	GRM155R71H223MA12_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance:12nF to 22nF
	GRM319R71H153JA01_	GRM155R71H223JA12_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance:15nF to 22nF
	GRM319R71H153KA01_	GRM155R71H223KA12_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance:15nF to 22nF
	GRM319R71H153MA01_	GRM155R71H223MA12_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance:15nF to 22nF
	GRM319R71H182JA01_	GRM155R71H222JA01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance:1800pF to 2200pF
	GRM319R71H182KA01_	GRM155R71H222KA01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance:1800pF to 2200pF
	GRM319R71H182MA01_	GRM155R71H222MA01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance:1800pF to 2200pF
	GRM319R72A182KA01_	GRM155R72A222KA01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance:1800pF to 2200pF

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM319R72A182MA01_	GRM155R72A222MA01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance:1800pF to 2200pF
	GRM319R72A182JA01_	GRM155R72A222KA01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance:1800pF to 2200pF · Capacitance Tolerance:±5% to ±10%
	GRM319R71H272JA01_	GRM155R71H472JA01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance:2700pF to 4700pF
	GRM319R71H272KA01_	GRM155R71H472KA01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance:2700pF to 4700pF
	GRM319R71H272MA01_	GRM155R71H472MA01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance:2700pF to 4700pF
	GRM319R72A272KA01_	GRM155R72A472KA01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance:2700pF to 4700pF
	GRM319R72A272MA01_	GRM155R72A472MA01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance:2700pF to 4700pF
	GRM319R72A272JA01_	GRM155R72A472KA01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance:2700pF to 4700pF · Capacitance Tolerance:±5% to ±10%
	GRM319R71H273KA01_	GRM155R71H473KE14_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance:27nF to 47nF
	GRM319R71H273MA01_	GRM155R71H473ME14_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance:27nF to 47nF
	GCM319R71H273JA01_	GCM155R71H473KE02_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance:27nF to 47nF · Capacitance Tolerance:±5% to ±10%
	GRM319R71H303KA01_	GRM155R71H473KE14_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance:30nF to 47nF
	GRM319R71H303MA01_	GRM155R71H473ME14_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance:30nF to 47nF
	GRM319R71H332JA01_	GRM155R71H472JA01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance:3300pF to 4700pF
	GRM319R71H332KA01_	GRM155R71H472KA01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance:3300pF to 4700pF
	GRM319R71H332KA01_	GRM155R71H472KA01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance:3300pF to 4700pF
	GRM319R71H332MA01_	GRM155R71H472MA01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance:3300pF to 4700pF

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM319R72A332KA01_	GRM155R72A472KA01_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Capacitance:3300pF to 4700pF
	GRM319R72A332MA01_	GRM155R72A472MA01_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Capacitance:3300pF to 4700pF
	GRM319R72A332JA01_	GRM155R72A472KA01_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Capacitance:3300pF to 4700pF ・ Capacitance Tolerance:±5% to ±10%
	GRM319R71H333KA01_	GRM155R71H473KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Capacitance:33nF to 47nF
	GRM319R71H333MA01_	GRM155R71H473ME14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Capacitance:33nF to 47nF
	GRM319R71H363KA01_	GRM155R71H473KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Capacitance:36nF to 47nF
	GRM319R71H363MA01_	GRM155R71H473ME14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Capacitance:36nF to 47nF
	GRM319R71H392JA01_	GRM155R71H472JA01_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Capacitance:3900pF to 4700pF
	GRM319R71H392KA01_	GRM155R71H472KA01_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Capacitance:3900pF to 4700pF
	GRM319R71H392MA01_	GRM155R71H472MA01_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Capacitance:3900pF to 4700pF
	GRM319R72A392KA01_	GRM155R72A472KA01_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Capacitance:3900pF to 4700pF
	GRM319R72A392MA01_	GRM155R72A472MA01_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Capacitance:3900pF to 4700pF
	GRM319R72A392JA01_	GRM155R72A472KA01_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Capacitance:3900pF to 4700pF ・ Capacitance Tolerance:±5% to ±10%
	GRM319R71H393KA01_	GRM155R71H473KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Capacitance:39nF to 47nF
	GRM319R71H393MA01_	GRM155R71H473ME14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Capacitance:39nF to 47nF
	GRM319R71H433KA01_	GRM155R71H473KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Capacitance:43nF to 47nF
	GRM319R71H433MA01_	GRM155R71H473ME14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Capacitance:43nF to 47nF

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM319R71H513KA01_	GRM155R71H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Capacitance:51nF to 100nF
	GRM319R71H513MA01_	GRM155R71H104ME14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Capacitance:51nF to 100nF
	GRM319R71H513JA01_	GRM155R71H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Capacitance:51nF to 100nF ・ Capacitance Tolerance:±5% to ±10%
	GRM319R71H562JA01_	GRM155R71H103JA88_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Capacitance:5600pF to 10000pF
	GRM319R71H562KA01_	GRM155R71H103KA88_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Capacitance:5600pF to 10000pF
	GRM319R71H562MA01_	GRM155R71H103MA88_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Capacitance:5600pF to 10000pF
	GRM319R71E563KA01_	GRM155R71E104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Capacitance:56nF to 100nF
	GRM319R71E563MA01_	GRM155R71E104ME14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Capacitance:56nF to 100nF
	GRM319R71H563KA01_	GRM155R71H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Capacitance:56nF to 100nF
	GRM319R71H563MA01_	GRM155R71H104ME14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Capacitance:56nF to 100nF
	GRM319R71E563JA01_	GRM155R71E104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Capacitance:56nF to 100nF ・ Capacitance Tolerance:±5% to ±10%
	GRM319R71H563JA01_	GRM155R71H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Capacitance:56nF to 100nF ・ Capacitance Tolerance:±5% to ±10%
	GRM319R71H623KA01_	GRM155R71H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Capacitance:62nF to 100nF
	GRM319R71H623MA01_	GRM155R71H104ME14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Capacitance:62nF to 100nF
	GRM319R71H623JA01_	GRM155R71H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Capacitance:62nF to 100nF ・ Capacitance Tolerance:±5% to ±10%
	GRM319R71H682JA01_	GRM155R71H103JA88_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Capacitance:6800pF to 10000pF
	GRM319R71H682KA01_	GRM155R71H103KA88_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Capacitance:6800pF to 10000pF

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM319R71H682MA01_	GRM155R71H103MA88_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance:6800pF to 10000pF
	GRM319R71E683KA01_	GRM155R71E104KE14_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance:68nF to 100nF
	GRM319R71E683MA01_	GRM155R71E104ME14_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance:68nF to 100nF
	GRM319R71H683KA01_	GRM155R71H104KE14_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance:68nF to 100nF
	GRM319R71H683KA01_	GRM155R71H104KE14_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance:68nF to 100nF
	GRM319R71H683MA01_	GRM155R71H104ME14_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance:68nF to 100nF
	GRM319R71E683JA01_	GRM155R71E104KE14_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance:68nF to 100nF · Capacitance Tolerance:±5% to ±10%
	GRM319R71H683JA01_	GRM155R71H104KE14_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance:68nF to 100nF · Capacitance Tolerance:±5% to ±10%
	GRM319R71H753KA01_	GRM155R71H104KE14_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance:75nF to 100nF
	GRM319R71H753MA01_	GRM155R71H104ME14_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance:75nF to 100nF
	GRM319R71H753JA01_	GRM155R71H104KE14_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance:75nF to 100nF · Capacitance Tolerance:±5% to ±10%
	GRM319R71H822JA01_	GRM155R71H103JA88_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance:8200pF to 10000pF
	GRM319R71H822KA01_	GRM155R71H103KA88_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance:8200pF to 10000pF
	GRM319R71H822MA01_	GRM155R71H103MA88_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance:8200pF to 10000pF
	GRM319R71E823KA01_	GRM155R71E104KE14_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance:87nF to 100nF
	GRM319R71E823MA01_	GRM155R71E104ME14_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance:87nF to 100nF
	GRM319R71H823KA01_	GRM155R71H104KE14_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance:87nF to 100nF

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM319R71H823MA01_	GRM155R71H104ME14_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance:87nF to 100nF
	GRM319R71E823JA01_	GRM155R71E104KE14_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance:87nF to 100nF · Capacitance Tolerance:±5% to ±10%
	GRM319R71H823JA01_	GRM155R71H104KE14_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance:87nF to 100nF · Capacitance Tolerance:±5% to ±10%
	GRM319B11H182KA01_	GRM1555C1H182JA01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:B to C0G · Capacitance Tolerance:±10% to ±5%
	GRM319B11H182MA01_	GRM1555C1H182JA01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:B to C0G · Capacitance Tolerance:±20% to ±5%
	GRM319B11A225KA01_	GRM155R61A225KE01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:B to X5R
	GRM319B11A225KA01_	GRM155R61A225KE01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:B to X5R
	GRM319B31E105KC45_	GRM155R61E105KA12_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:B to X5R
	GRM319B11C105KAA3_	GRM155R61C105KA12_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:B to X5R
	GRM319B11C105KC11_	GRM155R61C105KA12_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:B to X5R
	GRM319B11C105MAA3_	GRM155R61C105MA12_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:B to X5R
	GRM319B11C105MC11_	GRM155R61C105MA12_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:B to X5R
	GRM319B11E564KA01_	GRM155R61E105KA12_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:B to X5R · Capacitance:0.56uF to 1uF
	GRM319B11E564KA01_	GRM155R61E105KA12_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:B to X5R · Capacitance:0.56uF to 1uF
	GRM319B11E564KC01_	GRM155R61E105KA12_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:B to X5R · Capacitance:0.56uF to 1uF
	GRM319B11E564MA01_	GRM155R61E105MA12_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:B to X5R · Capacitance:0.56uF to 1uF
	GRM319B11C564KA01_	GRM155R61C105KA12_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:B to X5R · Capacitance:0.56uF to 1uF

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM319B11C564MA01_	GRM155R61C105MA12_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Capacitance:0.56uF to 1uF
	GRM319B11E564JA01_	GRM155R61E105KA12_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Capacitance:0.56uF to 1uF ・ Capacitance Tolerance:±5% to ±10%
	GRM319B11E684KA01_	GRM155R61E105KA12_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Capacitance:0.68uF to 1uF
	GRM319B11E684KA01_	GRM155R61E105KA12_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Capacitance:0.68uF to 1uF
	GRM319B11E684KA01_	GRM155R61E105KA12_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Capacitance:0.68uF to 1uF
	GRM319B11E684KA01_	GRM155R61E105KA12_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Capacitance:0.68uF to 1uF
	GRM319B11E684KC01_	GRM155R61E105KA12_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Capacitance:0.68uF to 1uF
	GRM319B11E684MA01_	GRM155R61E105MA12_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Capacitance:0.68uF to 1uF
	GRM319B11E684JA01_	GRM155R61E105KA12_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Capacitance:0.68uF to 1uF ・ Capacitance Tolerance:±5% to ±10%
	GRM319B11H513KA01_	GRM155R61H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Capacitance:51nF to 100nF
	GRM319B11H513MA01_	GRM155R61H104ME14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Capacitance:51nF to 100nF
	GRM319B11H563KA01_	GRM155R61H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Capacitance:56nF to 100nF
	GRM319B11H563KA01_	GRM155R61H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Capacitance:56nF to 100nF
	GRM319B11H563MA01_	GRM155R61H104ME14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Capacitance:56nF to 100nF
	GRM319B11H623KA01_	GRM155R61H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Capacitance:62nF to 100nF
	GRM319B11H623MA01_	GRM155R61H104ME14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Capacitance:62nF to 100nF
	GRM319B11H683KA01_	GRM155R61H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Capacitance:68nF to 100nF

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM319B11H683KA01_	GRM155R61H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Capacitance:68nF to 100nF
	GRM319B11H683KA01_	GRM155R61H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Capacitance:68nF to 100nF
	GRM319B11H683KA01_	GRM155R61H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Capacitance:68nF to 100nF
	GRM319B11H683MA01_	GRM155R61H104ME14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Capacitance:68nF to 100nF
	GRM319B11H753KA01_	GRM155R61H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Capacitance:75nF to 100nF
	GRM319B11H753MA01_	GRM155R61H104ME14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Capacitance:75nF to 100nF
	GRM319B11H823MA01_	GRM155R61H104ME14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Capacitance:87nF to 100nF
	GRM319B11H823KA01_	GRM155R61H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Capacitance:87nF to 100nF
	GRM319B11H222JA01_	GRM155R71H222JA01_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:B to X7R
	GRM319B11H222KA01_	GRM155R71H222KA01_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:B to X7R
	GRM319B11H222KA59_	GRM155R71H222KA01_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:B to X7R
	GRM319B11H222MA01_	GRM155R71H222MA01_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:B to X7R
	GRM319B11H472JA01_	GRM155R71H472JA01_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:B to X7R
	GRM319B11H104KA01_	GRM155R71H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:B to X7R
	GRM319B11H104KA01_	GRM155R71H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:B to X7R
	GRM319B11H104KA01_	GRM155R71H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:B to X7R
	GRM319B11H104KA01_	GRM155R71H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:B to X7R

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM319B11H104KA01_	GRM155R71H104KE14_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:B to X7R
	GRM319B11H104KA01_	GRM155R71H104KE14_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:B to X7R
	GRM319B11H104KA01_	GRM155R71H104KE14_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:B to X7R
	GRM319B11H104KA01_	GRM155R71H104KE14_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:B to X7R
	GRM319B11H104KA01_	GRM155R71H104KE14_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:B to X7R
	GRM319B11H104KA22_	GRM155R71H104KE14_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:B to X7R
	GRM319B11H104KA22_	GRM155R71H104KE14_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:B to X7R
	GRM319B11H104MA01_	GRM155R71H104ME14_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:B to X7R
	GRM319B11H104MA01_	GRM155R71H104ME14_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:B to X7R
	GRM319B11H103JA01_	GRM155R71H103JA88_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:B to X7R
	GRM319B11E473JA01_	GRM155R71E473JA88_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:B to X7R
	GRM319B11E473KA01_	GRM155R71E473KA88_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:B to X7R
	GRM319B11E473KA01_	GRM155R71E473KA88_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:B to X7R
	GRM319B11E473MA01_	GRM155R71E473MA88_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:B to X7R
	GRM319B11H223JA01_	GRM155R71H223JA12_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:B to X7R
	GRM319B11E104JA01_	GRM155R71E104KE14_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:B to X7R · Capacitance Tolerance:±5% to ±10%
	GRM319B11H104JA01_	GRM155R71H104KE14_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:B to X7R · Capacitance Tolerance:±5% to ±10%

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM319B11H123JA01_	GRM155R71H223JA12_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:B to X7R ・ Capacitance:12nF to 22nF
	GRM319B11H153JA01_	GRM155R71H223JA12_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:B to X7R ・ Capacitance:15nF to 22nF
	GRM319B11H182JA01_	GRM155R71H222JA01_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:B to X7R ・ Capacitance:1800pF to 2200pF
	GRM319B11H272JA01_	GRM155R71H472JA01_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:B to X7R ・ Capacitance:2700pF to 4700pF
	GRM319B11H303KA01_	GRM155R71H473KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:B to X7R ・ Capacitance:30nF to 47nF
	GRM319B11H303MA01_	GRM155R71H473ME14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:B to X7R ・ Capacitance:30nF to 47nF
	GRM319B11H332JA01_	GRM155R71H472JA01_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:B to X7R ・ Capacitance:3300pF to 4700pF
	GRM319B11H363KA01_	GRM155R71H473KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:B to X7R ・ Capacitance:36nF to 47nF
	GRM319B11H363MA01_	GRM155R71H473ME14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:B to X7R ・ Capacitance:36nF to 47nF
	GRM319B11H392JA01_	GRM155R71H472JA01_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:B to X7R ・ Capacitance:3900pF to 4700pF
	GRM319B11H513JA01_	GRM155R71H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:B to X7R ・ Capacitance:51nF to 100nF ・ Capacitance Tolerance:±5% to ±10%
	GRM319B11H562JA01_	GRM155R71H103JA88_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:B to X7R ・ Capacitance:5600pF to 10000pF
	GRM319B11H563JA01_	GRM155R71H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:B to X7R ・ Capacitance:56nF to 100nF ・ Capacitance Tolerance:±5% to ±10%
	GRM319B11H623JA01_	GRM155R71H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:B to X7R ・ Capacitance:62nF to 100nF ・ Capacitance Tolerance:±5% to ±10%
	GRM319B11H682JA01_	GRM155R71H103JA88_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:B to X7R ・ Capacitance:6800pF to 10000pF
	GRM319B11H683JA01_	GRM155R71H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:B to X7R ・ Capacitance:68nF to 100nF ・ Capacitance Tolerance:±5% to ±10%
	GRM319B11H753JA01_	GRM155R71H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:B to X7R ・ Capacitance:75nF to 100nF ・ Capacitance Tolerance:±5% to ±10%

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM319B11H822JA01_	GRM155R71H103JA88_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:B to X7R · Capacitance:8200pF to 10000pF
	GRM319B11H823JA01_	GRM155R71H104KE14_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:B to X7R · Capacitance:87nF to 100nF · Capacitance Tolerance:±5% to ±10%
	GRM319R11C564MA01_	GRM155R61C105MA12_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X5R · Capacitance:0.56uF to 1uF
	GRM319R11E564MA01_	GRM155R61E105MA12_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X5R · Capacitance:0.56uF to 1uF
	GRM319R11E684MA01_	GRM155R61E105MA12_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X5R · Capacitance:0.68uF to 1uF
	GRM319R11H222JA01_	GRM155R71H222JA01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R
	GRM319R11H222KA01_	GRM155R71H222KA01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R
	GRM319R11H222KA59_	GRM155R71H222KA01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R
	GRM319R11H222MA01_	GRM155R71H222MA01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R
	GRM319R11H472JA01_	GRM155R71H472JA01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R
	GRM319R11H472KA01_	GRM155R71H472KA01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R
	GRM319R11H472MA01_	GRM155R71H472MA01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R
	GCM319R11H153KA01_	GCM155R71H153KA55_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R
	GCM319R11H153MA01_	GCM155R71H153MA55_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R
	GCM319R11H223KA01_	GCM155R71H223KA55_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R
	GCM319R11H223MA01_	GCM155R71H223MA55_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R
	GRM319R11E104KA01_	GRM155R71E104KE14_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM319R11E104KA01_	GRM155R71E104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R
	GRM319R11E104MA01_	GRM155R71E104ME14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R
	GRM319R11H104KA01_	GRM155R71H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R
	GRM319R11H104KA01_	GRM155R71H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R
	GRM319R11H104KA01_	GRM155R71H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R
	GRM319R11H104KA01_	GRM155R71H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R
	GRM319R11H104KA01_	GRM155R71H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R
	GRM319R11H104KA01_	GRM155R71H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R
	GRM319R11H104KA01_	GRM155R71H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R
	GRM319R11H104KA22_	GRM155R71H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R
	GRM319R11H104MA01_	GRM155R71H104ME14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R
	GCM319R11H221KA01_	GCM155R71H221KA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R
	GCM319R11H221MA01_	GCM155R71H221MA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R
	GCM319R11H331KA01_	GCM155R71H331KA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R
	GCM319R11H331MA01_	GCM155R71H331MA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R
	GCM319R11H391KA01_	GCM155R71H391KA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R
	GCM319R11H391MA01_	GCM155R71H391MA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R
	GCM319R11H471KA01_	GCM155R71H471KA37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R

	Current Murata PN	Alternative Murata PN	相違点/difference
	GCM319R11H471MA01_	GCM155R71H471MA37_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R
	GCM319R11H561KA01_	GCM155R71H561KA37_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R
	GCM319R11H561MA01_	GCM155R71H561MA37_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R
	GCM319R11H681KA01_	GCM155R71H681KA37_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R
	GCM319R11H681MA01_	GCM155R71H681MA37_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R
	GCM319R11H821KA01_	GCM155R71H821KA37_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R
	GCM319R11H821MA01_	GCM155R71H821MA37_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R
	GCM319R11H102KA01_	GCM155R71H102KA37_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R
	GCM319R11H102KA01_	GCM155R71H102KA37_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R
	GCM319R11H102MA01_	GCM155R71H102MA37_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R
	GCM319R11H152KA01_	GCM155R71H152KA37_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R
	GCM319R11H152MA01_	GCM155R71H152MA37_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R
	GCM319R11H103KA01_	GCM155R71H103KA40_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R
	GCM319R11H103MA01_	GCM155R71H103MA40_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R
	GCM319R11H182KA01_	GCM155R71H182KA37_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R
	GCM319R11H182MA01_	GCM155R71H182MA37_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R
	GCM319R11H222KA01_	GCM155R71H222KA37_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R

	Current Murata PN	Alternative Murata PN	相違点/difference
	GCM319R11H222MA01_	GCM155R71H222MA37_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R
	GCM319R11H272KA01_	GCM155R71H272KA37_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R
	GCM319R11H272MA01_	GCM155R71H272MA37_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R
	GCM319R11H332KA01_	GCM155R71H332KA37_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R
	GCM319R11H332MA01_	GCM155R71H332MA37_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R
	GCM319R11H392KA01_	GCM155R71H392KA37_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R
	GCM319R11H392MA01_	GCM155R71H392MA37_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R
	GCM319R11H472KA01_	GCM155R71H472KA37_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R
	GCM319R11H472MA01_	GCM155R71H472MA37_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R
	GCM319R11H562KA01_	GCM155R71H562KA55_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R
	GCM319R11H562MA01_	GCM155R71H562MA55_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R
	GCM319R11H682KA01_	GCM155R71H682KA55_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R
	GCM319R11H682MA01_	GCM155R71H682MA55_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R
	GCM319R11H822KA01_	GCM155R71H822KA55_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R
	GCM319R11H822MA01_	GCM155R71H822MA55_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R
	GCM319R71H103KA01_	GCM155R71H103KA40_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R
	GCM319R71H103KA02_	GCM155R71H103KA55_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R

	Current Murata PN	Alternative Murata PN	相違点/difference
	GCM319R71H103MA01_	GCM155R71H103MA40_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R
	GRM319R11H103JA01_	GRM155R71H103JA88_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R
	GRM319R11H103KA01_	GRM155R71H103KA88_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R
	GRM319R11H103MA01_	GRM155R71H103MA88_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R
	GCM319R11H104KA01_	GCM155R71H104KE37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R
	GCM319R11H104KA01_	GCM155R71H104KE37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R
	GCM319R11H104MA01_	GCM155R71H104ME37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R
	GCM319R11H104MA01_	GCM155R71H104ME37_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R
	GCM319R11H123KA01_	GCM155R71H123KA55_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R
	GCM319R11H123MA01_	GCM155R71H123MA55_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R
	GCM319R11H183KA01_	GCM155R71H183KA55_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R
	GCM319R11H183MA01_	GCM155R71H183MA55_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R
	GRM319R11E473KA01_	GRM155R71E473KA88_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R
	GRM319R11E473JA01_	GRM155R71E473JA88_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R
	GRM319R11E473MA01_	GRM155R71E473MA88_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R
	GRM319R11H223JA01_	GRM155R71H223JA12_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R
	GRM319R11H223KA01_	GRM155R71H223KA12_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM319R11H223MA01_	GRM155R71H223MA12_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R
	GRM319R11C224KA01_	GRM155R71C224KA12_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R
	GRM319R11C224KA01_	GRM155R71C224KA12_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R
	GRM319R11C224KA01_	GRM155R71C224KA12_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R
	GRM319R11C224MA01_	GRM155R71C224MA12_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R
	GCM319R11H122KA01_	GCM155R71H122KA37_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R
	GCM319R11H122MA01_	GCM155R71H122MA37_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R
	GCM319R11H271KA01_	GCM155R71H271KA37_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R
	GCM319R11H271MA01_	GCM155R71H271MA37_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R
	GRM319R11E104JA01_	GRM155R71E104KE14_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R · Capacitance Tolerance:±5% to ±10%
	GRM319R11H104JA01_	GRM155R71H104KE14_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R · Capacitance Tolerance:±5% to ±10%
	GCM319R11H103JA01_	GCM155R71H103KA55_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R · Capacitance Tolerance:±5% to ±10%
	GCM319R11H123JA01_	GCM155R71H123KA55_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R · Capacitance Tolerance:±5% to ±10%
	GCM319R11H153JA01_	GCM155R71H153KA55_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R · Capacitance Tolerance:±5% to ±10%
	GCM319R11H183JA01_	GCM155R71H183KA55_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R · Capacitance Tolerance:±5% to ±10%
	GCM319R11H223JA01_	GCM155R71H223KA55_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R · Capacitance Tolerance:±5% to ±10%
	GRM319R11H123JA01_	GRM155R71H223JA12_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R · Capacitance:12nF to 22nF

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM319R11H123KA01_	GRM155R71H223KA12_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R · Capacitance:12nF to 22nF
	GRM319R11H123MA01_	GRM155R71H223MA12_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R · Capacitance:12nF to 22nF
	GRM319R11H153JA01_	GRM155R71H223JA12_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R · Capacitance:15nF to 22nF
	GRM319R11H153KA01_	GRM155R71H223KA12_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R · Capacitance:15nF to 22nF
	GRM319R11H153MA01_	GRM155R71H223MA12_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R · Capacitance:15nF to 22nF
	GRM319R11H182JA01_	GRM155R71H222JA01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R · Capacitance:1800pF to 2200pF
	GRM319R11H182KA01_	GRM155R71H222KA01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R · Capacitance:1800pF to 2200pF
	GRM319R11H182MA01_	GRM155R71H222MA01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R · Capacitance:1800pF to 2200pF
	GRM319R11H272JA01_	GRM155R71H472JA01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R · Capacitance:2700pF to 4700pF
	GRM319R11H272KA01_	GRM155R71H472KA01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R · Capacitance:2700pF to 4700pF
	GRM319R11H272MA01_	GRM155R71H472MA01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R · Capacitance:2700pF to 4700pF
	GRM319R11H273KA01_	GRM155R71H473KE14_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R · Capacitance:27nF to 47nF
	GRM319R11H273MA01_	GRM155R71H473ME14_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R · Capacitance:27nF to 47nF
	GCM319R11H273JA01_	GCM155R71H473KE02_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R · Capacitance:27nF to 47nF · Capacitance Tolerance:±5% to ±10%
	GRM319R11H303KA01_	GRM155R71H473KE14_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R · Capacitance:30nF to 47nF
	GRM319R11H303MA01_	GRM155R71H473ME14_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R · Capacitance:30nF to 47nF
	GRM319R11H332JA01_	GRM155R71H472JA01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R · Capacitance:3300pF to 4700pF

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM319R11H332KA01_	GRM155R71H472KA01_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:3300pF to 4700pF
	GRM319R11H332MA01_	GRM155R71H472MA01_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:3300pF to 4700pF
	GRM319R11H333KA01_	GRM155R71H473KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:33nF to 47nF
	GRM319R11H333MA01_	GRM155R71H473ME14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:33nF to 47nF
	GRM319R11H363KA01_	GRM155R71H473KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:36nF to 47nF
	GRM319R11H363MA01_	GRM155R71H473ME14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:36nF to 47nF
	GRM319R11H392JA01_	GRM155R71H472JA01_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:3900pF to 4700pF
	GRM319R11H392KA01_	GRM155R71H472KA01_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:3900pF to 4700pF
	GRM319R11H392MA01_	GRM155R71H472MA01_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:3900pF to 4700pF
	GRM319R11H393KA01_	GRM155R71H473KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:39nF to 47nF
	GRM319R11H393MA01_	GRM155R71H473ME14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:39nF to 47nF
	GRM319R11H433KA01_	GRM155R71H473KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:43nF to 47nF
	GRM319R11H433MA01_	GRM155R71H473ME14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:43nF to 47nF
	GRM319R11H513KA01_	GRM155R71H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:51nF to 100nF
	GRM319R11H513MA01_	GRM155R71H104ME14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:51nF to 100nF
	GRM319R11H513JA01_	GRM155R71H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:51nF to 100nF ・ Capacitance Tolerance:±5% to ±10%
	GRM319R11H562JA01_	GRM155R71H103JA88_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:5600pF to 10000pF

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM319R11H562KA01_	GRM155R71H103KA88_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:5600pF to 10000pF
	GRM319R11H562MA01_	GRM155R71H103MA88_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:5600pF to 10000pF
	GRM319R11E563KA01_	GRM155R71E104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:56nF to 100nF
	GRM319R11E563MA01_	GRM155R71E104ME14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:56nF to 100nF
	GRM319R11H563KA01_	GRM155R71H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:56nF to 100nF
	GRM319R11H563MA01_	GRM155R71H104ME14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:56nF to 100nF
	GRM319R11E563JA01_	GRM155R71E104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:56nF to 100nF ・ Capacitance Tolerance:±5% to ±10%
	GRM319R11H563JA01_	GRM155R71H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:56nF to 100nF ・ Capacitance Tolerance:±5% to ±10%
	GRM319R11H623KA01_	GRM155R71H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:62nF to 100nF
	GRM319R11H623MA01_	GRM155R71H104ME14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:62nF to 100nF
	GRM319R11H623JA01_	GRM155R71H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:62nF to 100nF ・ Capacitance Tolerance:±5% to ±10%
	GRM319R11H682JA01_	GRM155R71H103JA88_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:6800pF to 10000pF
	GRM319R11H682KA01_	GRM155R71H103KA88_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:6800pF to 10000pF
	GRM319R11H682MA01_	GRM155R71H103MA88_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:6800pF to 10000pF
	GRM319R11E683KA01_	GRM155R71E104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:68nF to 100nF
	GRM319R11E683MA01_	GRM155R71E104ME14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:68nF to 100nF
	GRM319R11H683KA01_	GRM155R71H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:68nF to 100nF

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM319R11H683MA01_	GRM155R71H104ME14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:68nF to 100nF
	GRM319R11E683JA01_	GRM155R71E104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:68nF to 100nF ・ Capacitance Tolerance:±5% to ±10%
	GRM319R11H683JA01_	GRM155R71H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:68nF to 100nF ・ Capacitance Tolerance:±5% to ±10%
	GRM319R11H753KA01_	GRM155R71H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:75nF to 100nF
	GRM319R11H753MA01_	GRM155R71H104ME14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:75nF to 100nF
	GRM319R11H753JA01_	GRM155R71H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:75nF to 100nF ・ Capacitance Tolerance:±5% to ±10%
	GRM319R11H822JA01_	GRM155R71H103JA88_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:8200pF to 10000pF
	GRM319R11H822KA01_	GRM155R71H103KA88_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:8200pF to 10000pF
	GRM319R11H822MA01_	GRM155R71H103MA88_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:8200pF to 10000pF
	GRM319R11E823KA01_	GRM155R71E104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:87nF to 100nF
	GRM319R11E823MA01_	GRM155R71E104ME14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:87nF to 100nF
	GRM319R11H823KA01_	GRM155R71H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:87nF to 100nF
	GRM319R11H823MA01_	GRM155R71H104ME14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:87nF to 100nF
	GRM319R11E823JA01_	GRM155R71E104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:87nF to 100nF ・ Capacitance Tolerance:±5% to ±10%
	GRM319R11H823JA01_	GRM155R71H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:87nF to 100nF ・ Capacitance Tolerance:±5% to ±10%
	GRM319R11C105MAA3_	GRM155C71C105ME11_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7S
	GRM319R11A105KA01_	GRM155C71A105KE11_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Temperature characteristics:R to X7S

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM319R11A105KA01_	GRM155C71A105KE11_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7S
	GRM319R11C105KAA3_	GRM155C71C105KE11_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7S
	GRM319R11C105KC11_	GRM155C71C105KE11_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7S
	GRM319R11C564KA01_	GRM155C71C105KE11_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7S · Capacitance:0.56uF to 1uF
	GRM319R11E564KA01_	GRM155D71E105KE11_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7T · Capacitance:0.56uF to 1uF
	GRM319R11E564JA01_	GRM155D71E105KE11_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7T · Capacitance:0.56uF to 1uF · Capacitance Tolerance:±5% to ±10%
	GRM319R11E684KA01_	GRM155D71E105KE11_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7T · Capacitance:0.68uF to 1uF
	GRM319R11E684JA01_	GRM155D71E105KE11_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7T · Capacitance:0.68uF to 1uF
	GRM319R11E684KC01_	GRM155D71E105KE11_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7T · Capacitance:0.68uF to 1uF
	GRM319R11E684JA01_	GRM155D71E105KE11_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7T · Capacitance:0.68uF to 1uF · Capacitance Tolerance:±5% to ±10%
	GRM319R72A331JA01_	GRM1555C2A331JE01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature Characteristics:X7R to C0G
	GRM319R72A391JA01_	GRM1555C2A391JE01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature Characteristics:X7R to C0G
	GRM319R72A561JA01_	GRM1555C2A561JE01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature Characteristics:X7R to C0G
	GRM319R72A681JA01_	GRM1555C2A681JE01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature Characteristics:X7R to C0G
	GRM319R72A821JA01_	GRM1555C2A821JE01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature Characteristics:X7R to C0G
	GRM319R72A122JA01_	GRM1555C2A122JE01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature Characteristics:X7R to C0G
	GRM319R72A271JA01_	GRM1555C2A271JE01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature Characteristics:X7R to C0G

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM319R72A331KA01_	GRM1555C2A331JE01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature Characteristics:X7R to C0G · Temperature Tolerance:±10% to ±5%
	GRM319R72A391KA01_	GRM1555C2A391JE01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature Characteristics:X7R to C0G · Temperature Tolerance:±10% to ±5%
	GRM319R72A561KA01_	GRM1555C2A561JE01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature Characteristics:X7R to C0G · Temperature Tolerance:±10% to ±5%
	GRM319R72A681KA01_	GRM1555C2A681JE01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature Characteristics:X7R to C0G · Temperature Tolerance:±10% to ±5%
	GRM319R72A821KA01_	GRM1555C2A821JE01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature Characteristics:X7R to C0G · Temperature Tolerance:±10% to ±5%
	GRM319R72A122KA01_	GRM1555C2A122JE01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature Characteristics:X7R to C0G · Temperature Tolerance:±10% to ±5%
	GRM319R72A271KA01_	GRM1555C2A271JE01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature Characteristics:X7R to C0G · Temperature Tolerance:±10% to ±5%
	GRM319R72A331MA01_	GRM1555C2A331JE01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature Characteristics:X7R to C0G · Temperature Tolerance:±20% to ±5%
	GRM319R72A391MA01_	GRM1555C2A391JE01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature Characteristics:X7R to C0G · Temperature Tolerance:±20% to ±5%
	GRM319R72A561MA01_	GRM1555C2A561JE01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature Characteristics:X7R to C0G · Temperature Tolerance:±20% to ±5%
	GRM319R72A681MA01_	GRM1555C2A681JE01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature Characteristics:X7R to C0G · Temperature Tolerance:±20% to ±5%
	GRM319R72A821MA01_	GRM1555C2A821JE01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature Characteristics:X7R to C0G · Temperature Tolerance:±20% to ±5%
	GRM319R72A122MA01_	GRM1555C2A122JE01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature Characteristics:X7R to C0G · Temperature Tolerance:±20% to ±5%
	GRM319R72A271MA01_	GRM1555C2A271JE01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature Characteristics:X7R to C0G · Temperature Tolerance:±20% to ±5%
	GRM319R71A105MC01_	GRM155C71A105ME11_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:X7R to X7S
	GRM319R71C105MAA3_	GRM155C71C105ME11_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:X7R to X7S
	GRM319R71C105MC11_	GRM155C71C105ME11_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:X7R to X7S

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM319R71A105KA01_	GRM155C71A105KE11_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:X7R to X7S
	GRM319R71A105KC01_	GRM155C71A105KE11_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:X7R to X7S
	GRM319R71C105KAA3_	GRM155C71C105KE11_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:X7R to X7S
	GRM319R71C105KC11_	GRM155C71C105KE11_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:X7R to X7S
	GRM319R71C564MA01_	GRM155C71C105ME11_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:X7R to X7S · Capacitance:0.56uF to 1uF
	GRM319R71C564KA01_	GRM155C71C105KE11_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:X7R to X7S · Capacitance:0.56uF to 1uF
	GRM319R71C564KA26_	GRM155C71C105KE11_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:X7R to X7S · Capacitance:0.56uF to 1uF
	GRM319R71H224JA01_	GRM155D71H224KE01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:X7R to X7T · Capacitance Tolerance:±5% to ±10%
	GCM319R71H124JA37_	GCM155D71H224KE02_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:X7R to X7T · Capacitance:0.12uF to 0.22uF · Capacitance Tolerance:±5% to ±10%
	GRM319R71E564KA01_	GRM155D71E105KE11_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:X7R to X7T · Capacitance:0.56uF to 1uF
	GRM319R71E564MA01_	GRM155D71E105KE11_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:X7R to X7T · Capacitance:0.56uF to 1uF · Capacitance Tolerance:±20% to ±10%
	GRM319R71E564JA01_	GRM155D71E105KE11_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:X7R to X7T · Capacitance:0.56uF to 1uF · Capacitance Tolerance:±5% to ±10%
	GRM319R71E684KA01_	GRM155D71E105KE11_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:X7R to X7T · Capacitance:0.68uF to 1uF
	GRM319R71E684MA01_	GRM155D71E105KE11_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:X7R to X7T · Capacitance:0.68uF to 1uF · Capacitance Tolerance:±20% to ±10%
	GRM319R71E684JA01_	GRM155D71E105KE11_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:X7R to X7T · Capacitance:0.68uF to 1uF · Capacitance Tolerance:±5% to ±10%
	GRM31MR71E104KA01_	GRM155R71E104KE14_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):1.25mm to 0.55mm
	GRM31MR71E104MA01_	GRM155R71E104ME14_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):1.25mm to 0.55mm

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM31MR71H104KA01_	GRM155R71H104KE14_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):1.25mm to 0.55mm
	GRM31MR71H104MA01_	GRM155R71H104ME14_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):1.25mm to 0.55mm
	GCM31MR71H333KA01_	GCM155R71H333KE02_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):1.25mm to 0.55mm
	GCM31MR71H333KA02_	GCM155R71H333KE02_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):1.25mm to 0.55mm
	GCM31MR71H333MA01_	GCM155R71H333ME02_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):1.25mm to 0.55mm
	GCM31MR71H333MA02_	GCM155R71H333ME02_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):1.25mm to 0.55mm
	GCM31MR71H683KA01_	GCM155R71H683KE02_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):1.25mm to 0.55mm
	GCM31MR71H683KA02_	GCM155R71H683KE02_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):1.25mm to 0.55mm
	GCM31MR71H683MA01_	GCM155R71H683ME02_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):1.25mm to 0.55mm
	GCM31MR71H683MA02_	GCM155R71H683ME02_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):1.25mm to 0.55mm
	GRM31MR71C224KA01_	GRM155R71C224KA12_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):1.25mm to 0.55mm
	GRM31MR71C224MA01_	GRM155R71C224MA12_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):1.25mm to 0.55mm
	GRM31MR71E104JA01_	GRM155R71E104KE14_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):1.25mm to 0.55mm · Capacitance Tolerance:±5% to ±10%
	GRM31MR71H104JA01_	GRM155R71H104KE14_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):1.25mm to 0.55mm · Capacitance Tolerance:±5% to ±10%
	GCM31MR71H333JA01_	GCM155R71H333KE02_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):1.25mm to 0.55mm · Capacitance Tolerance:±5% to ±10%
	GCM31MR71H683JA01_	GCM155R71H683KE02_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):1.25mm to 0.55mm · Capacitance Tolerance:±5% to ±10%
	GRM31MR61C564KA01_	GRM155R61C105KA12_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):1.25mm to 0.55mm · Capacitance:0.56uF to 1uF

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM31MR61C564MA01_	GRM155R61C105MA12_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Capacitance:0.56uF to 1uF
	GRM31MR61C564JA01_	GRM155R61C105KA12_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Capacitance:0.56uF to 1uF ・ Capacitance Tolerance:±5% to ±10%
	GRM31MR61C684KA01_	GRM155R61C105KA12_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Capacitance:0.68uF to 1uF
	GRM31MR61C684MA01_	GRM155R61C105MA12_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Capacitance:0.68uF to 1uF
	GRM31MR61C684JA01_	GRM155R61C105KA12_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Capacitance:0.68uF to 1uF ・ Capacitance Tolerance:±5% to ±10%
	GRM31MR61C824KA01_	GRM155R61C105KA12_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Capacitance:0.82uF to 1uF
	GRM31MR61C824MA01_	GRM155R61C105MA12_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Capacitance:0.82uF to 1uF
	GRM31MR61C824JA01_	GRM155R61C105KA12_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Capacitance:0.82uF to 1uF ・ Capacitance Tolerance:±5% to ±10%
	GRM31MR71H333KA01_	GRM155R71H473KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Capacitance:33nF to 47nF
	GRM31MR71H333KA26_	GRM155R71H473KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Capacitance:33nF to 47nF
	GRM31MR71H333MA01_	GRM155R71H473ME14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Capacitance:33nF to 47nF
	GRM31MR71H393KA01_	GRM155R71H473KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Capacitance:39nF to 47nF
	GRM31MR71H393MA01_	GRM155R71H473ME14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Capacitance:39nF to 47nF
	GCM31MR71H393JA01_	GCM155R71H473KE02_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Capacitance:39nF to 47nF ・ Capacitance Tolerance:±5% to ±10%
	GRM31MR71H513JA26_	GRM155R71H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Capacitance:51nF to 100nF ・ Capacitance Tolerance:±5% to ±10%
	GRM31MR71H563KA01_	GRM155R71H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Capacitance:56nF to 100nF
	GRM31MR71H563MA01_	GRM155R71H104ME14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Capacitance:56nF to 100nF

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM31MR71H563JA01_	GRM155R71H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Capacitance:56nF to 100nF ・ Capacitance Tolerance:±5% to ±10%
	GRM31MR71H563JA26_	GRM155R71H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Capacitance:56nF to 100nF ・ Capacitance Tolerance:±5% to ±10%
	GCM31MR71H563JA01_	GCM155R71H104KE02_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Capacitance:56nF to 100nF ・ Capacitance Tolerance:±5% to ±10%
	GRM31MR71H623JA26_	GRM155R71H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Capacitance:62nF to 100nF ・ Capacitance Tolerance:±5% to ±10%
	GRM31MR71H683KA01_	GRM155R71H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Capacitance:68nF to 100nF
	GRM31MR71H683KA26_	GRM155R71H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Capacitance:68nF to 100nF
	GRM31MR71H683MA01_	GRM155R71H104ME14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Capacitance:68nF to 100nF
	GRM31MR71H683JA01_	GRM155R71H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Capacitance:68nF to 100nF ・ Capacitance Tolerance:±5% to ±10%
	GRM31MR71H683JA26_	GRM155R71H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Capacitance:68nF to 100nF ・ Capacitance Tolerance:±5% to ±10%
	GRM31MR71H753JA26_	GRM155R71H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Capacitance:75nF to 100nF ・ Capacitance Tolerance:±5% to ±10%
	GRM31MR71H823KA01_	GRM155R71H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Capacitance:87nF to 100nF
	GRM31MR71H823MA01_	GRM155R71H104ME14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Capacitance:87nF to 100nF
	GRM31MR71H823JA01_	GRM155R71H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Capacitance:87nF to 100nF ・ Capacitance Tolerance:±5% to ±10%
	GRM31MR71H823JA26_	GRM155R71H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Capacitance:87nF to 100nF ・ Capacitance Tolerance:±5% to ±10%
	GCM31MR71H823JA01_	GCM155R71H104KE02_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Capacitance:87nF to 100nF ・ Capacitance Tolerance:±5% to ±10%
	GRM31MR71H913KA01_	GRM155R71H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Capacitance:91nF to 100nF
	GRM31MR71H913MA01_	GRM155R71H104ME14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Capacitance:91nF to 100nF

	Current Murata PN	Alternative Murata PN	相違点/difference
	GCM31MR71H913KA01_	GCM155R71H104KE02_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):1.25mm to 0.55mm · Capacitance:91nF to 100nF
	GCM31MR71H913MA01_	GCM155R71H104ME02_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):1.25mm to 0.55mm · Capacitance:91nF to 100nF
	GRM31MR71H913JA01_	GRM155R71H104KE14_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):1.25mm to 0.55mm · Capacitance:91nF to 100nF · Capacitance Tolerance:±5% to ±10%
	GRM31MR71H913JA26_	GRM155R71H104KE14_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):1.25mm to 0.55mm · Capacitance:91nF to 100nF · Capacitance Tolerance:±5% to ±10%
	GCM31MR71H913JA01_	GCM155R71H104KE02_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):1.25mm to 0.55mm · Capacitance:91nF to 100nF · Capacitance Tolerance:±5% to ±10%
	GRM31MB11H224KA01_	GRM155R61H224KE01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):1.25mm to 0.55mm · Temperature characteristics:B to X5R
	GRM31MB11H224KA01_	GRM155R61H224KE01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):1.25mm to 0.55mm · Temperature characteristics:B to X5R
	GRM31MB11H224KA01_	GRM155R61H224KE01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):1.25mm to 0.55mm · Temperature characteristics:B to X5R
	GRM31MB11H224MA01_	GRM155R61H224ME01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):1.25mm to 0.55mm · Temperature characteristics:B to X5R
	GRM31MB11H224JA01_	GRM155R61H224KE01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):1.25mm to 0.55mm · Temperature characteristics:B to X5R · Capacitance Tolerance:±5% to ±10%
	GRM31MB11H124JA01_	GRM155R61H224KE01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):1.25mm to 0.55mm · Temperature characteristics:B to X5R · Capacitance:0.12uF to 0.22uF · Capacitance Tolerance:±5% to ±10%
	GRM31MB11H154JA01_	GRM155R61H224KE01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):1.25mm to 0.55mm · Temperature characteristics:B to X5R · Capacitance:0.15uF to 0.22uF · Capacitance Tolerance:±5% to ±10%
	GRM31MB11H184KA01_	GRM155R61H224KE01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):1.25mm to 0.55mm · Temperature characteristics:B to X5R · Capacitance:0.18uF to 0.22uF
	GRM31MB11H184MA01_	GRM155R61H224ME01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):1.25mm to 0.55mm · Temperature characteristics:B to X5R · Capacitance:0.18uF to 0.22uF
	GRM31MB11H184JA01_	GRM155R61H224KE01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):1.25mm to 0.55mm · Temperature characteristics:B to X5R · Capacitance:0.18uF to 0.22uF · Capacitance Tolerance:±5% to ±10%
	GRM31MB11C564KA01_	GRM155R61C105KA12_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):1.25mm to 0.55mm · Temperature characteristics:B to X5R · Capacitance:0.56uF to 1uF
	GRM31MB11C564MA01_	GRM155R61C105MA12_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):1.25mm to 0.55mm · Temperature characteristics:B to X5R · Capacitance:0.56uF to 1uF

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM31MB11C564JA01_	GRM155R61C105KA12_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Capacitance:0.56uF to 1uF ・ Capacitance Tolerance:±5% to ±10%
	GRM31MB11C684KA01_	GRM155R61C105KA12_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Capacitance:0.68uF to 1uF
	GRM31MB11C684KA01_	GRM155R61C105KA12_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Capacitance:0.68uF to 1uF
	GRM31MB11C684KA01_	GRM155R61C105KA12_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Capacitance:0.68uF to 1uF
	GRM31MB11C684MA01_	GRM155R61C105MA12_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Capacitance:0.68uF to 1uF
	GRM31MB11C684JA01_	GRM155R61C105KA12_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Capacitance:0.68uF to 1uF ・ Capacitance Tolerance:±5% to ±10%
	GRM31MB11E824KA01_	GRM155R61E105KA12_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Capacitance:0.82uF to 1uF
	GRM31MB11E824MA01_	GRM155R61E105MA12_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Capacitance:0.82uF to 1uF
	GRM31MB11C824KA01_	GRM155R61C105KA12_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Capacitance:0.82uF to 1uF
	GRM31MB11C824KA01_	GRM155R61C105KA12_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Capacitance:0.82uF to 1uF
	GRM31MB11C824MA01_	GRM155R61C105MA12_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Capacitance:0.82uF to 1uF
	GRM31MB11C824JA01_	GRM155R61C105KA12_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Capacitance:0.82uF to 1uF ・ Capacitance Tolerance:±5% to ±10%
	GRM31MB11H563KA01_	GRM155R61H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Capacitance:56nF to 100nF
	GRM31MB11H563MA01_	GRM155R61H104ME14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Capacitance:56nF to 100nF
	GRM31MB11H683KA01_	GRM155R61H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Capacitance:68nF to 100nF
	GRM31MB11H683MA01_	GRM155R61H104ME14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Capacitance:68nF to 100nF
	GRM31MB11H823KA01_	GRM155R61H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Capacitance:87nF to 100nF

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM31MB11H823MA01_	GRM155R61H104ME14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Capacitance:87nF to 100nF
	GRM31MB11H913KA01_	GRM155R61H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Capacitance:91nF to 100nF
	GRM31MB11H913MA01_	GRM155R61H104ME14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:B to X5R ・ Capacitance:91nF to 100nF
	GRM31MB11H104KA01_	GRM155R71H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:B to X7R
	GRM31MB11H104KA01_	GRM155R71H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:B to X7R
	GRM31MB11H104MA01_	GRM155R71H104ME14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:B to X7R
	GRM31MB11E104JA01_	GRM155R71E104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:B to X7R ・ Capacitance Tolerance:±5% to ±10%
	GRM31MB11H104JA01_	GRM155R71H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:B to X7R ・ Capacitance Tolerance:±5% to ±10%
	GRM31MB11H563JA01_	GRM155R71H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:B to X7R ・ Capacitance:56nF to 100nF ・ Capacitance Tolerance:±5% to ±10%
	GRM31MB11H683JA01_	GRM155R71H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:B to X7R ・ Capacitance:68nF to 100nF ・ Capacitance Tolerance:±5% to ±10%
	GRM31MB11H823JA01_	GRM155R71H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:B to X7R ・ Capacitance:87nF to 100nF ・ Capacitance Tolerance:±5% to ±10%
	GRM31MB11H913JA01_	GRM155R71H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:B to X7R ・ Capacitance:91nF to 100nF ・ Capacitance Tolerance:±5% to ±10%
	GRM31MR11H224KA01_	GRM155R61H224KE01_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:X to X5R
	GRM31MR11H224KA01_	GRM155R61H224KE01_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:R to X5R
	GRM31MR11H224MA01_	GRM155R61H224ME01_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:R to X5R
	GRM31MR11C684MA01_	GRM155R61C105MA12_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:R to X5R ・ Capacitance:0.68uF to 1uF
	GRM31MR11C824MA01_	GRM155R61C105MA12_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:R to X5R ・ Capacitance:0.82uF to 1uF

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM31MR11E824MA01_	GRM155R61E105MA12_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:R to X5R ・ Capacitance:0.82uF to 1uF
	GRM31MR11E104KA01_	GRM155R71E104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:R to X7R
	GRM31MR11E104MA01_	GRM155R71E104ME14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:R to X7R
	GRM31MR11H104KA01_	GRM155R71H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:R to X7R
	GRM31MR11H104MA01_	GRM155R71H104ME14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:R to X7R
	GCM31MR11H333KA01_	GCM155R71H333KE02_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:R to X7R
	GCM31MR11H333MA01_	GCM155R71H333ME02_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:R to X7R
	GCM31MR11H683KA01_	GCM155R71H683KE02_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:R to X7R
	GCM31MR11H683MA01_	GCM155R71H683ME02_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:R to X7R
	GRM31MR11C224KA01_	GRM155R71C224KA12_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:R to X7R
	GRM31MR11C224MA01_	GRM155R71C224MA12_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:R to X7R
	GRM31MR11E104JA01_	GRM155R71E104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance Tolerance:±5% to ±10%
	GRM31MR11H104JA01_	GRM155R71H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance Tolerance:±5% to ±10%
	GCM31MR11H333JA01_	GCM155R71H333KE02_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance Tolerance:±5% to ±10%
	GCM31MR11H683JA01_	GCM155R71H683KE02_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance Tolerance:±5% to ±10%
	GRM31MR11H333KA01_	GRM155R71H473KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:33nF to 47nF
	GRM31MR11H333MA01_	GRM155R71H473ME14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:33nF to 47nF

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM31MR11H393KA01_	GRM155R71H473KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:39nF to 47nF
	GRM31MR11H393MA01_	GRM155R71H473ME14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:39nF to 47nF
	GCM31MR11H393JA01_	GCM155R71H473KE02_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:39nF to 47nF ・ Capacitance Tolerance:±5% to ±10%
	GRM31MR11H563KA01_	GRM155R71H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:56nF to 100nF
	GRM31MR11H563MA01_	GRM155R71H104ME14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:56nF to 100nF
	GRM31MR11H563JA01_	GRM155R71H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:56nF to 100nF ・ Capacitance Tolerance:±5% to ±10%
	GCM31MR11H563JA01_	GCM155R71H104KE02_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:56nF to 100nF ・ Capacitance Tolerance:±5% to ±10%
	GRM31MR11H683KA01_	GRM155R71H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:68nF to 100nF
	GRM31MR11H683MA01_	GRM155R71H104ME14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:68nF to 100nF
	GRM31MR11H683JA01_	GRM155R71H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:68nF to 100nF ・ Capacitance Tolerance:±5% to ±10%
	GRM31MR11H823KA01_	GRM155R71H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:87nF to 100nF
	GRM31MR11H823MA01_	GRM155R71H104ME14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:87nF to 100nF
	GRM31MR11H823JA01_	GRM155R71H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:87nF to 100nF ・ Capacitance Tolerance:±5% to ±10%
	GCM31MR11H823JA01_	GCM155R71H104KE02_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:87nF to 100nF ・ Capacitance Tolerance:±5% to ±10%
	GRM31MR11H913KA01_	GRM155R71H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:91nF to 100nF
	GRM31MR11H913MA01_	GRM155R71H104ME14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:91nF to 100nF
	GCM31MR11H913KA01_	GCM155R71H104KE02_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:91nF to 100nF

	Current Murata PN	Alternative Murata PN	相違点/difference
	GCM31MR11H913MA01_	GCM155R71H104ME02_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:91nF to 100nF
	GRM31MR11H913JA01_	GRM155R71H104KE14_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:91nF to 100nF ・ Capacitance Tolerance:±5% to ±10%
	GCM31MR11H913JA01_	GCM155R71H104KE02_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:R to X7R ・ Capacitance:91nF to 100nF ・ Capacitance Tolerance:±5% to ±10%
	GRM31MR11C564MA01_	GRM155C71C105ME11_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:R to X7S ・ Capacitance:0.56uF to 1uF
	GRM31MR11C564KA01_	GRM155C71C105KE11_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:R to X7S ・ Capacitance:0.56uF to 1uF
	GRM31MR11C564JA01_	GRM155C71C105KE11_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:R to X7S ・ Capacitance:0.56uF to 1uF ・ Capacitance Tolerance:±5% to ±10%
	GRM31MR11C684KA01_	GRM155C71C105KE11_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:R to X7S ・ Capacitance:0.68uF to 1uF
	GRM31MR11C684KA01_	GRM155C71C105KE11_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:R to X7S ・ Capacitance:0.68uF to 1uF
	GRM31MR11C684JA01_	GRM155C71C105KE11_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:R to X7S ・ Capacitance:0.68uF to 1uF ・ Capacitance Tolerance:±5% to ±10%
	GRM31MR11C824KA01_	GRM155C71C105KE11_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:R to X7S ・ Capacitance:0.82uF to 1uF
	GRM31MR11C824JA01_	GRM155C71C105KE11_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:R to X7S ・ Capacitance:0.82uF to 1uF ・ Capacitance Tolerance:±5% to ±10%
	GRM31MR11H224JA01_	GRM155D71H224KE01_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:R to X7T ・ Capacitance Tolerance:±5% to ±10%
	GRM31MR11H124JA01_	GRM155D71H224KE01_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:R to X7T ・ Capacitance:0.12uF to 0.22uF ・ Capacitance Tolerance:±5% to ±10%
	GRM31MR11H154JA01_	GRM155D71H224KE01_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:R to X7T ・ Capacitance:0.15uF to 0.22uF ・ Capacitance Tolerance:±5% to ±10%
	GRM31MR11H184JA01_	GRM155D71H224KE01_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:R to X7T ・ Capacitance:0.18uF to 0.22uF ・ Capacitance Tolerance:±5% to ±10%
	GRM31MR11E824KA01_	GRM155D71E105KE11_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:R to X7T ・ Capacitance:0.82uF to 1uF
	GRM31MR71C564MA01_	GRM155C71C105ME11_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:X7R to X7S ・ Capacitance:0.56uF to 1uF

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM31MR71C564KA01_	GRM155C71C105KE11_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):1.25mm to 0.55mm · Temperature characteristics:X7R to X7S · Capacitance:0.56uF to 1uF
	GRM31MR71C564KA36_	GRM155C71C105KE11_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):1.25mm to 0.55mm · Temperature characteristics:X7R to X7S · Capacitance:0.56uF to 1uF
	GRM31MR71C564JA01_	GRM155C71C105KE11_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):1.25mm to 0.55mm · Temperature characteristics:X7R to X7S · Capacitance:0.56uF to 1uF · Capacitance Tolerance:±5% to ±10%
	GRM31MR71C684MA01_	GRM155C71C105ME11_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):1.25mm to 0.55mm · Temperature characteristics:X7R to X7S · Capacitance:0.68uF to 1uF
	GRM31MR71C684KA01_	GRM155C71C105KE11_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):1.25mm to 0.55mm · Temperature characteristics:X7R to X7S · Capacitance:0.68uF to 1uF
	GRM31MR71C684KA36_	GRM155C71C105KE11_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):1.25mm to 0.55mm · Temperature characteristics:X7R to X7S · Capacitance:0.68uF to 1uF
	GRM31MR71C684JA01_	GRM155C71C105KE11_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):1.25mm to 0.55mm · Temperature characteristics:X7R to X7S · Capacitance:0.68uF to 1uF · Capacitance Tolerance:±5% to ±10%
	GRM31MR71C824MA01_	GRM155C71C105ME11_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):1.25mm to 0.55mm · Temperature characteristics:X7R to X7S · Capacitance:0.82uF to 1uF
	GRM31MR71C824KA01_	GRM155C71C105KE11_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):1.25mm to 0.55mm · Temperature characteristics:X7R to X7S · Capacitance:0.82uF to 1uF
	GRM31MR71C824KA36_	GRM155C71C105KE11_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):1.25mm to 0.55mm · Temperature characteristics:X7R to X7S · Capacitance:0.82uF to 1uF
	GRM31MR71C824JA01_	GRM155C71C105KE11_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):1.25mm to 0.55mm · Temperature characteristics:X7R to X7S · Capacitance:0.82uF to 1uF · Capacitance Tolerance:±5% to ±10%
	GRM31MR71H224JA01_	GRM155D71H224KE01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):1.25mm to 0.55mm · Temperature characteristics:X7R to X7T · Capacitance Tolerance:±5% to ±10%
	GRM31MR71H124JA01_	GRM155D71H224KE01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):1.25mm to 0.55mm · Temperature characteristics:X7R to X7T · Capacitance:0.12uF to 0.22uF · Capacitance Tolerance:±5% to ±10%
	GCM31MR71H124JA37_	GCM155D71H224KE02_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):1.25mm to 0.55mm · Temperature characteristics:X7R to X7T · Capacitance:0.12uF to 0.22uF · Capacitance Tolerance:±5% to ±10%
	GRM31MR71H154JA01_	GRM155D71H224KE01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):1.25mm to 0.55mm · Temperature characteristics:X7R to X7T · Capacitance:0.15uF to 0.22uF · Capacitance Tolerance:±5% to ±10%
	GRM31MR71H184JA01_	GRM155D71H224KE01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):1.25mm to 0.55mm · Temperature characteristics:X7R to X7T · Capacitance:0.18uF to 0.22uF · Capacitance Tolerance:±5% to ±10%
	GCM31MR71H184JA02_	GCM155D71H224KE02_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):1.25mm to 0.55mm · Temperature characteristics:X7R to X7T · Capacitance:0.18uF to 0.22uF · Capacitance Tolerance:±5% to ±10%

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM31MR71E824KA01_	GRM155D71E105KE11_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:X7R to X7T ・ Capacitance:0.82uF to 1uF
	GRM31MR71E824MA01_	GRM155D71E105KE11_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.55mm ・ Temperature characteristics:X7R to X7T ・ Capacitance:0.82uF to 1uF ・ Capacitance Tolerance:±20% to ±10%
	GRM31XR61A335MAA7_	GRM155R61A475MEAA_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.30mm to 0.65mm ・ Capacitance:3.3uF to 4.7uF
	GRM31XB11A335MAA7_	GRM155R61A475MEAA_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.30mm to 0.65mm ・ Temperature characteristics:B to X5R ・ Capacitance:3.3uF to 4.7uF
	GRM31CB11H224KA01_	GRM155R61H224KE01_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.80mm to 0.55mm ・ Temperature characteristics:B to X5R
	GCM319R72A103KA01_	GCM188R72A103KA37_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm
	GCM319R72A103KA02_	GCM188R72A103KA37_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm
	GCM319R72A103KA17_	GCM188R72A103KA37_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm
	GCM319R72A103MA01_	GCM188R72A103MA37_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm
	GCM319R72A562KA01_	GCM188R72A562KA37_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm
	GCM319R72A562MA01_	GCM188R72A562MA37_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm
	GCM319R72A682KA01_	GCM188R72A682KA37_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm
	GCM319R72A682MA01_	GCM188R72A682MA37_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm
	GCM319R72A822KA01_	GCM188R72A822KA37_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm
	GCM319R72A822MA01_	GCM188R72A822MA37_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm
	GRM319R72A103KA01_	GRM188R72A103KA01_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm
	GRM319R72A103KA26_	GRM188R72A103KA01_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM319R72A103MA01_	GRM188R72A103MA01_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm
	GCM319R72A123KA01_	GCM188R72A123KA37_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm
	GCM319R72A123MA01_	GCM188R72A123MA37_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm
	GCM319R72A153KA01_	GCM188R72A153KA37_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm
	GCM319R72A153KA02_	GCM188R72A153KA37_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm
	GCM319R72A153MA01_	GCM188R72A153MA37_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm
	GRM319R72A104KA01_	GRM188R72A104KA35_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm
	GRM319R72A104KA01_	GRM188R72A104KA35_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm
	GRM319R72A104KA01_	GRM188R72A104KA35_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm
	GRM319R72A104KA26_	GRM188R72A104KA35_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm
	GRM319R72A104MA01_	GRM188R72A104MA35_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm
	GRM319R71C474KA01_	GRM188R71C474KA88_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm
	GRM319R71C474KA26_	GRM188R71C474KA88_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm
	GRM319R71C474KC01_	GRM188R71C474KA88_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm
	GRM319R71C474MA01_	GRM188R71C474MA88_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm
	GRM319R71E474KA01_	GRM188R71E474KA12_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm
	GRM319R71E474KAAK_	GRM188R71E474KA12_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM319R71E474KC01_	GRM188R71E474KA12_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm
	GRM319R71E474MA01_	GRM188R71E474MA12_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm
	GRM319R72A103JA01_	GRM188R72A103KA01_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Capacitance Tolerance:±5% to ±10%
	GRM319R72A104JA01_	GRM188R72A104KA35_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Capacitance Tolerance:±5% to ±10%
	GRM319R71E474JA01_	GRM188R71E474KA12_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Capacitance Tolerance:±5% to ±10%
	GRM319R71H124KA01_	GRM188R71H224KAC4_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Capacitance:0.12uF to 0.22uF
	GRM319R71H124MA01_	GRM188R71H224MAC4_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Capacitance:0.12uF to 0.22uF
	GRM319R71E274KA01_	GRM188R71E474KA12_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Capacitance:0.27uF to 0.47uF
	GRM319R71E274MA01_	GRM188R71E474MA12_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Capacitance:0.27uF to 0.47uF
	GRM319R71E274JA01_	GRM188R71E474KA12_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Capacitance:0.27uF to 0.47uF · Capacitance Tolerance:±5% to ±10%
	GRM319R71C334KA01_	GRM188R71C474KA88_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Capacitance:0.33uF to 0.47uF
	GRM319R71C334MA01_	GRM188R71C474MA88_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Capacitance:0.33uF to 0.47uF
	GRM319R71E334KA01_	GRM188R71E474KA12_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Capacitance:0.33uF to 0.47uF
	GRM319R71E334KA30_	GRM188R71E474KA12_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Capacitance:0.33uF to 0.47uF
	GRM319R71E334MA01_	GRM188R71E474MA12_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Capacitance:0.33uF to 0.47uF
	GRM319R71C334JA01_	GRM188R71C474KA88_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Capacitance:0.33uF to 0.47uF · Capacitance Tolerance:±5% to ±10%
	GRM319R71E334JA01_	GRM188R71E474KA12_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Capacitance:0.33uF to 0.47uF · Capacitance Tolerance:±5% to ±10%

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM319R71E394KA01_	GRM188R71E474KA12_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Capacitance:0.39uF to 0.47uF
	GRM319R71E394KC01_	GRM188R71E474KA12_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Capacitance:0.39uF to 0.47uF
	GRM319R71E394MA01_	GRM188R71E474MA12_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Capacitance:0.39uF to 0.47uF
	GRM319R71E394JA01_	GRM188R71E474KA12_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Capacitance:0.39uF to 0.47uF · Capacitance Tolerance:±5% to ±10%
	GRM319R72A123JA01_	GRM188R72A223JAC4_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Capacitance:12nF to 22nF
	GRM319R72A123KA01_	GRM188R72A223KAC4_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Capacitance:12nF to 22nF
	GRM319R72A123MA01_	GRM188R72A223MAC4_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Capacitance:12nF to 22nF
	GRM319R72A153JA01_	GRM188R72A223JAC4_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Capacitance:15nF to 22nF
	GRM319R72A153KA01_	GRM188R72A223KAC4_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Capacitance:15nF to 22nF
	GRM319R72A153KA26_	GRM188R72A223KAC4_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Capacitance:15nF to 22nF
	GRM319R72A153MA01_	GRM188R72A223MAC4_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Capacitance:15nF to 22nF
	GRM319R72A562KA01_	GRM188R72A103KA01_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Capacitance:5600pF to 10000pF
	GRM319R72A562MA01_	GRM188R72A103MA01_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Capacitance:5600pF to 10000pF
	GRM319R72A562JA01_	GRM188R72A103KA01_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Capacitance:5600pF to 10000pF · Capacitance Tolerance:±5% to ±10%
	GRM319R72A682KA01_	GRM188R72A103KA01_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Capacitance:6800pF to 10000pF
	GRM319R72A682MA01_	GRM188R72A103MA01_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Capacitance:6800pF to 10000pF
	GRM319R72A682JA01_	GRM188R72A103KA01_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Capacitance:6800pF to 10000pF · Capacitance Tolerance:±5% to ±10%

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM319R72A822KA01_	GRM188R72A103KA01_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Capacitance:8200pF to 10000pF
	GRM319R72A822MA01_	GRM188R72A103MA01_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Capacitance:8200pF to 10000pF
	GRM319R72A822JA01_	GRM188R72A103KA01_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Capacitance:8200pF to 10000pF · Capacitance Tolerance:±5% to ±10%
	GRM319B11C474KA01_	GRM188R71C474KA88_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Temperature characteristics:B to X7R
	GRM319B11C474KA01_	GRM188R71C474KA88_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Temperature characteristics:B to X7R
	GRM319B11C474KC01_	GRM188R71C474KA88_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Temperature characteristics:B to X7R
	GRM319B11C474MA01_	GRM188R71C474MA88_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Temperature characteristics:B to X7R
	GRM319B11E474KA01_	GRM188R71E474KA12_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Temperature characteristics:B to X7R
	GRM319B11E474KA01_	GRM188R71E474KA12_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Temperature characteristics:B to X7R
	GRM319B11E474KC01_	GRM188R71E474KA12_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Temperature characteristics:B to X7R
	GRM319B11E474MA01_	GRM188R71E474MA12_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Temperature characteristics:B to X7R
	GRM319B11E474JA01_	GRM188R71E474KA12_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Temperature characteristics:B to X7R · Capacitance Tolerance:±5% to ±10%
	GRM319B11H124KA01_	GRM188R71H224KAC4_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Temperature characteristics:B to X7R · Capacitance:0.12uF to 0.22uF
	GRM319B11H124MA01_	GRM188R71H224MAC4_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Temperature characteristics:B to X7R · Capacitance:0.12uF to 0.22uF
	GRM319B11E274KA01_	GRM188R71E474KA12_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Temperature characteristics:B to X7R · Capacitance:0.27uF to 0.47uF
	GRM319B11E274KA01_	GRM188R71E474KA12_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Temperature characteristics:B to X7R · Capacitance:0.27uF to 0.47uF
	GRM319B11E274MA01_	GRM188R71E474MA12_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Temperature characteristics:B to X7R · Capacitance:0.27uF to 0.47uF

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM319B11E274JA01_	GRM188R71E474KA12_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm ・ Temperature characteristics:B to X7R ・ Capacitance:0.27uF to 0.47uF ・ Capacitance Tolerance:+5% to +10%
	GRM319B11C334KA01_	GRM188R71C474KA88_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm ・ Temperature characteristics:B to X7R ・ Capacitance:0.33uF to 0.47uF
	GRM319B11C334KA01_	GRM188R71C474KA88_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm ・ Temperature characteristics:B to X7R ・ Capacitance:0.33uF to 0.47uF
	GRM319B11C334MA01_	GRM188R71C474MA88_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm ・ Temperature characteristics:B to X7R ・ Capacitance:0.33uF to 0.47uF
	GRM319B11E334KA01_	GRM188R71E474KA12_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm ・ Temperature characteristics:B to X7R ・ Capacitance:0.33uF to 0.47uF
	GRM319B11E334KA01_	GRM188R71E474KA12_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm ・ Temperature characteristics:B to X7R ・ Capacitance:0.33uF to 0.47uF
	GRM319B11E334KA01_	GRM188R71E474KA12_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm ・ Temperature characteristics:B to X7R ・ Capacitance:0.33uF to 0.47uF
	GRM319B11E334MA01_	GRM188R71E474MA12_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm ・ Temperature characteristics:B to X7R ・ Capacitance:0.33uF to 0.47uF
	GRM319B11C334JA01_	GRM188R71C474KA88_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm ・ Temperature characteristics:B to X7R ・ Capacitance:0.33uF to 0.47uF ・ Capacitance Tolerance:+5% to +10%
	GRM319B11E334JA01_	GRM188R71E474KA12_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm ・ Temperature characteristics:B to X7R ・ Capacitance:0.33uF to 0.47uF ・ Capacitance Tolerance:+5% to +10%
	GRM319B11E394KA01_	GRM188R71E474MA12_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm ・ Temperature characteristics:B to X7R ・ Capacitance:0.39uF to 0.47uF
	GRM319B11E394KA01_	GRM188R71E474MA12_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm ・ Temperature characteristics:B to X7R ・ Capacitance:0.39uF to 0.47uF
	GRM319B11E394MA01_	GRM188R71E474MA12_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm ・ Temperature characteristics:B to X7R ・ Capacitance:0.39uF to 0.47uF
	GRM319B11E394JA01_	GRM188R71E474KA12_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm ・ Temperature characteristics:B to X7R ・ Capacitance:0.39uF to 0.47uF ・ Capacitance Tolerance:+5% to +10%
	GRM319R11C474KA01_	GRM188R71C474KA88_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm ・ Temperature characteristics:R to X7R
	GRM319R11C474MA01_	GRM188R71C474MA88_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm ・ Temperature characteristics:R to X7R
	GRM319R11E474KA01_	GRM188R71E474KA12_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm ・ Temperature characteristics:R to X7R

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM319R11E474KA01_	GRM188R71E474KA12_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Temperature characteristics:R to X7R
	GRM319R11E474KC01_	GRM188R71E474KA12_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Temperature characteristics:R to X7R
	GRM319R11E474MA01_	GRM188R71E474MA12_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Temperature characteristics:R to X7R
	GRM319R11E224KA01_	GRM188R71E224KA88_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Temperature characteristics:R to X7R
	GRM319R11E474JA01_	GRM188R71E474KA12_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Temperature characteristics:R to X7R · Capacitance Tolerance:±5% to ±10%
	GRM319R11H124KA01_	GRM188R71H224KAC4_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Temperature characteristics:R to X7R · Capacitance:0.12uF to 0.22uF
	GRM319R11H124MA01_	GRM188R71H224MAC4_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Temperature characteristics:R to X7R · Capacitance:0.12uF to 0.22uF
	GRM319R11E274KA01_	GRM188R71E474KA12_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Temperature characteristics:R to X7R · Capacitance:0.27uF to 0.47uF
	GRM319R11E274MA01_	GRM188R71E474MA12_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Temperature characteristics:R to X7R · Capacitance:0.27uF to 0.47uF
	GRM319R11E274JA01_	GRM188R71E474KA12_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Temperature characteristics:R to X7R · Capacitance:0.27uF to 0.47uF · Capacitance Tolerance:±5% to ±10%
	GRM319R11C334KA01_	GRM188R71C474KA88_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Temperature characteristics:R to X7R · Capacitance:0.33uF to 0.47uF
	GRM319R11C334MA01_	GRM188R71C474MA88_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Temperature characteristics:R to X7R · Capacitance:0.33uF to 0.47uF
	GRM319R11E334KA01_	GRM188R71E474KA12_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Temperature characteristics:R to X7R · Capacitance:0.33uF to 0.47uF
	GRM319R11E334KA01_	GRM188R71E474KA12_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Temperature characteristics:R to X7R · Capacitance:0.33uF to 0.47uF
	GRM319R11E334MA01_	GRM188R71E474MA12_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Temperature characteristics:R to X7R · Capacitance:0.33uF to 0.47uF
	GRM319R11C334JA01_	GRM188R71C474KA88_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Temperature characteristics:R to X7R · Capacitance:0.33uF to 0.47uF · Capacitance Tolerance:±5% to ±10%
	GRM319R11E334JA01_	GRM188R71E474KA12_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Temperature characteristics:R to X7R · Capacitance:0.33uF to 0.47uF · Capacitance Tolerance:±5% to ±10%

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM319R11E394KA01_	GRM188R71E474KA12_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm ・ Temperature characteristics:R to X7R ・ Capacitance:0.39uF to 0.47uF
	GRM319R11E394MA01_	GRM188R71E474MA12_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm ・ Temperature characteristics:R to X7R ・ Capacitance:0.39uF to 0.47uF
	GRM319R11E394JA01_	GRM188R71E474KA12_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm ・ Temperature characteristics:R to X7R ・ Capacitance:0.39uF to 0.47uF ・ Capacitance Tolerance:±5% to ±10%
	GCJ319R11H124KA01_	GCJ188R91H124KA01_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm ・ Temperature characteristics:R to X8R
	GCJ319R11H124MA01_	GCJ188R91H124MA01_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm ・ Temperature characteristics:R to X8R
	GRM319R72A152JA01_	GRM1885C2A152JA01_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm ・ Temperature Characteristics:X7R to C0G
	GRM319R72A152KA01_	GRM1885C2A152JA01_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm ・ Temperature Characteristics:X7R to C0G ・ Temperature Tolerance:±10% to ±5%
	GRM319R72A152MA01_	GRM1885C2A152JA01_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm ・ Temperature Characteristics:X7R to C0G ・ Temperature Tolerance:±20% to ±5%
	GCJ319R71H124KA01_	GCJ188R91H124KA01_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm ・ Temperature characteristics:X7R to X8R
	GCJ319R71H124MA01_	GCJ188R91H124MA01_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm ・ Temperature characteristics:X7R to X8R
	GRM31MR72A223JA01_	GRM188R72A223JAC4_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.25mm to 0.90mm
	GRM31MR72A223KA01_	GRM188R72A223KAC4_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.25mm to 0.90mm
	GRM31MR72A223KA01_	GRM188R72A223KAC4_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.25mm to 0.90mm
	GRM31MR72A223KA26_	GRM188R72A223KAC4_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.25mm to 0.90mm
	GRM31MR72A223MA01_	GRM188R72A223MAC4_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.25mm to 0.90mm
	GRM31MR71H224KA01_	GRM188R71H224KAC4_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.25mm to 0.90mm
	GRM31MR71H224KA01_	GRM188R71H224KAC4_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.25mm to 0.90mm

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM31MR71H224MA01_	GRM188R71H224MAC4_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.25mm to 0.90mm
	GCM31MR71E154KA01_	GCM188R71E154KA37_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.25mm to 0.90mm
	GCM31MR71E154MA01_	GCM188R71E154MA37_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.25mm to 0.90mm
	GCM31MR71H154KA01_	GCM188R71H154KA64_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.25mm to 0.90mm
	GCM31MR71H154KA02_	GCM188R71H154KA64_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.25mm to 0.90mm
	GCM31MR71H154KA37_	GCM188R71H154KA64_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.25mm to 0.90mm
	GCM31MR71H154MA01_	GCM188R71H154MA64_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.25mm to 0.90mm
	GCM31MR71H154MA37_	GCM188R71H154MA64_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.25mm to 0.90mm
	GCM31MR72A183KA01_	GCM188R72A183KA37_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.25mm to 0.90mm
	GCM31MR72A183MA01_	GCM188R72A183MA37_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.25mm to 0.90mm
	GRM31MR71E474KA01_	GRM188R71E474KA12_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.25mm to 0.90mm
	GRM31MR71E474KA36_	GRM188R71E474KA12_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.25mm to 0.90mm
	GRM31MR71E474MA01_	GRM188R71E474MA12_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.25mm to 0.90mm
	GRM31MR71E224JA01_	GRM188R71E224JA88_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.25mm to 0.90mm
	GRM31MR71E224KA01_	GRM188R71E224KA88_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.25mm to 0.90mm
	GRM31MR71E224KA01_	GRM188R71E224KA88_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.25mm to 0.90mm
	GRM31MR71E224KA36_	GRM188R71E224KA88_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.25mm to 0.90mm

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM31MR71E224MA01_	GRM188R71E224MA88_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):1.25mm to 0.90mm
	GCM31MR71E124KA01_	GCM188R71E124KA37_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):1.25mm to 0.90mm
	GCM31MR71E124MA01_	GCM188R71E124MA37_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):1.25mm to 0.90mm
	GCM31MR71E184KA01_	GCM188R71E184KA55_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):1.25mm to 0.90mm
	GCM31MR71E184MA01_	GCM188R71E184MA55_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):1.25mm to 0.90mm
	GCM31MR71H154JA37_	GCM188R71H154KA64_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):1.25mm to 0.90mm · Capacitance Tolerance:±5% to ±10%
	GRM31MR71H124KA01_	GRM188R71H224KAC4_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):1.25mm to 0.90mm · Capacitance:0.12uF to 0.22uF
	GRM31MR71H124KA36_	GRM188R71H224KAC4_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):1.25mm to 0.90mm · Capacitance:0.12uF to 0.22uF
	GRM31MR71H124MA01_	GRM188R71H224MAC4_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):1.25mm to 0.90mm · Capacitance:0.12uF to 0.22uF
	GRM31MR71H134KA36_	GRM188R71H224KAC4_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):1.25mm to 0.90mm · Capacitance:0.13uF to 0.22uF
	GRM31MR71H154KA01_	GRM188R71H224KAC4_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):1.25mm to 0.90mm · Capacitance:0.15uF to 0.22uF
	GRM31MR71H154KA01_	GRM188R71H224KAC4_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):1.25mm to 0.90mm · Capacitance:0.15uF to 0.22uF
	GRM31MR71H154KA36_	GRM188R71H224KAC4_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):1.25mm to 0.90mm · Capacitance:0.15uF to 0.22uF
	GRM31MR71H154MA01_	GRM188R71H224MAC4_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):1.25mm to 0.90mm · Capacitance:0.15uF to 0.22uF
	GRM31MR71H164KA36_	GRM188R71H224KAC4_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):1.25mm to 0.90mm · Capacitance:0.16uF to 0.22uF
	GRM31MR71H184KA01_	GRM188R71H224KAC4_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):1.25mm to 0.90mm · Capacitance:0.18uF to 0.22uF
	GRM31MR71H184KA36_	GRM188R71H224KAC4_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):1.25mm to 0.90mm · Capacitance:0.18uF to 0.22uF

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM31MR71H184MA01_	GRM188R71H224MAC4_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):1.25mm to 0.90mm · Capacitance:0.18uF to 0.22uF
	GRM31MR71C334KA01_	GRM188R71C474KA88_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):1.25mm to 0.90mm · Capacitance:0.33uF to 0.47uF
	GRM31MR71C334KA26_	GRM188R71C474KA88_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):1.25mm to 0.90mm · Capacitance:0.33uF to 0.47uF
	GRM31MR71C334MA01_	GRM188R71C474MA88_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):1.25mm to 0.90mm · Capacitance:0.33uF to 0.47uF
	GRM31MR71E394KA01_	GRM188R71E474KA12_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):1.25mm to 0.90mm · Capacitance:0.39uF to 0.47uF
	GRM31MR71E394MA01_	GRM188R71E474MA12_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):1.25mm to 0.90mm · Capacitance:0.39uF to 0.47uF
	GRM31MR72A183JA01_	GRM188R72A223JAC4_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):1.25mm to 0.90mm · Capacitance:18nF to 22nF
	GRM31MR72A183KA01_	GRM188R72A223KAC4_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):1.25mm to 0.90mm · Capacitance:18nF to 22nF
	GRM31MR72A183KA26_	GRM188R72A223KAC4_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):1.25mm to 0.90mm · Capacitance:18nF to 22nF
	GRM31MR72A183MA01_	GRM188R72A223MAC4_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):1.25mm to 0.90mm · Capacitance:18nF to 22nF
	GRM31MR72A563KA01_	GRM188R72A104KA35_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):1.25mm to 0.90mm · Capacitance:56nF to 100nF
	GRM31ML81H474KA01_	GCM31ML81H474KA01_	· Series:GRM to GCM
	GRM31ML81H474MA01_	GCM31ML81H474MA01_	· Series:GRM to GCM
	GRM31MR72A563MA01_	GRM188R72A104MA35_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):1.25mm to 0.90mm · Capacitance:56nF to 100nF
	GRM31MR72A563JA01_	GRM188R72A104KA35_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):1.25mm to 0.90mm · Capacitance:56nF to 100nF · Capacitance Tolerance:±5% to ±10%
	GRM31MR72A683KA01_	GRM188R72A104KA35_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):1.25mm to 0.90mm · Capacitance:68nF to 100nF
	GRM31MR72A683MA01_	GRM188R72A104MA35_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):1.25mm to 0.90mm · Capacitance:68nF to 100nF

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM31MR72A683JA01_	GRM188R72A104KA35_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.25mm to 0.90mm ・ Capacitance:68nF to 100nF ・ Capacitance Tolerance:±5% to ±10%
	GRM31MR72A823KA01_	GRM188R72A104KA35_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.25mm to 0.90mm ・ Capacitance:87nF to 100nF
	GRM31MR72A823KA01_	GRM188R72A104KA35_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.25mm to 0.90mm ・ Capacitance:87nF to 100nF
	GRM31MR72A823MA01_	GRM188R72A104MA35_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.25mm to 0.90mm ・ Capacitance:87nF to 100nF
	GRM31MR72A823JA01_	GRM188R72A104KA35_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.25mm to 0.90mm ・ Capacitance:87nF to 100nF ・ Capacitance Tolerance:±5% to ±10%
	GRM31MR72A913KA01_	GRM188R72A104KA35_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.25mm to 0.90mm ・ Capacitance:91nF to 100nF
	GRM31MR72A913MA01_	GRM188R72A104MA35_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.25mm to 0.90mm ・ Capacitance:91nF to 100nF
	GRM31MB11C474KC01_	GRM188R71C474KA88_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.25mm to 0.90mm ・ Temperature characteristics:B to X7R
	GRM31MB11E474KA01_	GRM188R71E474KA12_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.25mm to 0.90mm ・ Temperature characteristics:B to X7R
	GRM31MB11E474KA01_	GRM188R71E474KA12_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.25mm to 0.90mm ・ Temperature characteristics:B to X7R
	GRM31MB11E474KA01_	GRM188R71E474KA12_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.25mm to 0.90mm ・ Temperature characteristics:B to X7R
	GRM31MB11E474KC01_	GRM188R71E474KA12_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.25mm to 0.90mm ・ Temperature characteristics:B to X7R
	GRM31MB11E474MA01_	GRM188R71E474MA12_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.25mm to 0.90mm ・ Temperature characteristics:B to X7R
	GRM31MB11E224JA01_	GRM188R71E224JA88_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.25mm to 0.90mm ・ Temperature characteristics:B to X7R
	GRM31MB11C474JC01_	GRM188R71C474KA88_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.25mm to 0.90mm ・ Temperature characteristics:B to X7R ・ Capacitance Tolerance:±5% to ±10%
	GRM31MB11H124KA01_	GRM188R71H224KAC4_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.25mm to 0.90mm ・ Temperature characteristics:B to X7R ・ Capacitance:0.12uF to 0.22uF
	GRM31MB11H124KA01_	GRM188R71H224KAC4_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.25mm to 0.90mm ・ Temperature characteristics:B to X7R ・ Capacitance:0.12uF to 0.22uF

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM31MB11H124MA01_	GRM188R71H224MAC4_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.25mm to 0.90mm ・ Temperature characteristics:B to X7R ・ Capacitance:0.12uF to 0.22uF
	GRM31MB11H154KA01_	GRM188R71H224KAC4_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.25mm to 0.90mm ・ Temperature characteristics:B to X7R ・ Capacitance:0.15uF to 0.22uF
	GRM31MB11H154KA01_	GRM188R71H224KAC4_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.25mm to 0.90mm ・ Temperature characteristics:B to X7R ・ Capacitance:0.15uF to 0.22uF
	GRM31MB11H154MA01_	GRM188R71H224MAC4_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.25mm to 0.90mm ・ Temperature characteristics:B to X7R ・ Capacitance:0.15uF to 0.22uF
	GRM31MB11C334KA01_	GRM188R71C474KA88_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.25mm to 0.90mm ・ Temperature characteristics:B to X7R ・ Capacitance:0.33uF to 0.47uF
	GRM31MB11C334KA01_	GRM188R71C474KA88_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.25mm to 0.90mm ・ Temperature characteristics:B to X7R ・ Capacitance:0.33uF to 0.47uF
	GRM31MB11C334MA01_	GRM188R71C474MA88_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.25mm to 0.90mm ・ Temperature characteristics:B to X7R ・ Capacitance:0.33uF to 0.47uF
	GRM31MB11E394KA01_	GRM188R71E474MA12_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.25mm to 0.90mm ・ Temperature characteristics:B to X7R ・ Capacitance:0.39uF to 0.47uF
	GRM31MB11E394MA01_	GRM188R71E474MA12_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.25mm to 0.90mm ・ Temperature characteristics:B to X7R ・ Capacitance:0.39uF to 0.47uF
	GCM31MR11E154KA01_	GCM188R71E154KA37_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.25mm to 0.90mm ・ Temperature characteristics:R to X7R
	GCM31MR11E154KA26_	GCM188R71E154KA37_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.25mm to 0.90mm ・ Temperature characteristics:R to X7R
	GCM31MR11E154MA01_	GCM188R71E154MA37_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.25mm to 0.90mm ・ Temperature characteristics:R to X7R
	GCM31MR11H154KA01_	GCM188R71H154KA64_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.25mm to 0.90mm ・ Temperature characteristics:R to X7R
	GCM31MR11H154MA01_	GCM188R71H154MA64_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.25mm to 0.90mm ・ Temperature characteristics:R to X7R
	GRM31MR11E474KA01_	GRM188R71E474KA12_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.25mm to 0.90mm ・ Temperature characteristics:R to X7R
	GRM31MR11E474KC01_	GRM188R71E474KA12_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.25mm to 0.90mm ・ Temperature characteristics:R to X7R
	GRM31MR11E474MA01_	GRM188R71E474MA12_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.25mm to 0.90mm ・ Temperature characteristics:R to X7R

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM31MR11E224JA01_	GRM188R71E224JA88_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):1.25mm to 0.90mm · Temperature characteristics:R to X7R
	GRM31MR11E224KA01_	GRM188R71E224KA88_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):1.25mm to 0.90mm · Temperature characteristics:R to X7R
	GRM31MR11E224KA01_	GRM188R71E224KA88_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):1.25mm to 0.90mm · Temperature characteristics:R to X7R
	GRM31MR11E224MA01_	GRM188R71E224MA88_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):1.25mm to 0.90mm · Temperature characteristics:R to X7R
	GCM31MR11E124KA01_	GCM188R71E124KA37_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):1.25mm to 0.90mm · Temperature characteristics:R to X7R
	GCM31MR11E124MA01_	GCM188R71E124MA37_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):1.25mm to 0.90mm · Temperature characteristics:R to X7R
	GCM31MR11E184KA01_	GCM188R71E184KA55_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):1.25mm to 0.90mm · Temperature characteristics:R to X7R
	GCM31MR11E184MA01_	GCM188R71E184MA55_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):1.25mm to 0.90mm · Temperature characteristics:R to X7R
	GRM31MR11H124KA01_	GRM188R71H224KAC4_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):1.25mm to 0.90mm · Temperature characteristics:R to X7R · Capacitance:0.12uF to 0.22uF
	GRM31MR11H124MA01_	GRM188R71H224MAC4_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):1.25mm to 0.90mm · Temperature characteristics:R to X7R · Capacitance:0.12uF to 0.22uF
	GRM31MR11H154KA01_	GRM188R71H224KAC4_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):1.25mm to 0.90mm · Temperature characteristics:R to X7R · Capacitance:0.15uF to 0.22uF
	GRM31MR11H154KA01_	GRM188R71H224KAC4_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):1.25mm to 0.90mm · Temperature characteristics:R to X7R · Capacitance:0.15uF to 0.22uF
	GRM31MR11H154MA01_	GRM188R71H224MAC4_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):1.25mm to 0.90mm · Temperature characteristics:R to X7R · Capacitance:0.15uF to 0.22uF
	GRM31MR11H184KA01_	GRM188R71H224KAC4_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):1.25mm to 0.90mm · Temperature characteristics:R to X7R · Capacitance:0.18uF to 0.22uF
	GRM31MR11H184MA01_	GRM188R71H224MAC4_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):1.25mm to 0.90mm · Temperature characteristics:R to X7R · Capacitance:0.18uF to 0.22uF
	GRM31MR11C334KA01_	GRM188R71C474KA88_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):1.25mm to 0.90mm · Temperature characteristics:R to X7R · Capacitance:0.33uF to 0.47uF
	GRM31MR11C334KA01_	GRM188R71C474KA88_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):1.25mm to 0.90mm · Temperature characteristics:R to X7R · Capacitance:0.33uF to 0.47uF

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM31MR11C334MA01_	GRM188R71C474MA88_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.25mm to 0.90mm ・ Temperature characteristics:R to X7R ・ Capacitance:0.33uF to 0.47uF
	GRM31MR11E394KA01_	GRM188R71E474KA12_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.25mm to 0.90mm ・ Temperature characteristics:R to X7R ・ Capacitance:0.39uF to 0.47uF
	GRM31MR11E394MA01_	GRM188R71E474MA12_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.25mm to 0.90mm ・ Temperature characteristics:R to X7R ・ Capacitance:0.39uF to 0.47uF
	GCM31MR71H564JA55_	GCM188D71H105KE36_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.25mm to 1.00mm ・ Temperature characteristics:X7R to X7T ・ Capacitance:0.56uF to 1uF ・ Capacitance Tolerance:±5% to ±10%
	GRM31MR71H684KA88_	GRM188D71H105KE01_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.25mm to 1.00mm ・ Temperature characteristics:X7R to X7T ・ Capacitance:0.68uF to 1uF
	GRM31MR71H684KA88_	GRM188D71H105KE01_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.25mm to 1.00mm ・ Temperature characteristics:X7R to X7T ・ Capacitance:0.68uF to 1uF
	GCM31MR71H824JA55_	GCM188D71H105KE36_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.25mm to 1.00mm ・ Temperature characteristics:X7R to X7T ・ Capacitance:0.82uF to 1uF ・ Capacitance Tolerance:±5% to ±10%
	GRM31MR72A684MA35_	GRM188D72A105ME01_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.30mm to 1.00mm ・ Temperature characteristics:X7R to X7T ・ Capacitance:0.68uF to 1uF
	GRM31MR72A684KA35_	GRM188D72A105KE01_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.30mm to 1.00mm ・ Temperature characteristics:X7R to X7T ・ Capacitance:0.68uF to 1uF
	GRM31MR72A684KA35_	GRM188D72A105KE01_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.30mm to 1.00mm ・ Temperature characteristics:X7R to X7T ・ Capacitance:0.68uF to 1uF
	GRM31MR72A684KA81_	GRM188D72A105KE01_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.30mm to 1.00mm ・ Temperature characteristics:X7R to X7T ・ Capacitance:0.68uF to 1uF
	GCJ31MR71E124KA01_	GCJ188R71E124KA01_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.35mm to 0.90mm
	GCJ31MR71E124MA01_	GCJ188R71E124MA01_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.35mm to 0.90mm
	GCJ31MR71E154KA01_	GCJ188R71E154KA01_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.35mm to 0.90mm
	GCJ31MR71E154MA01_	GCJ188R71E154MA01_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.35mm to 0.90mm
	GCJ31MR71E184KA01_	GCJ188R71E184KA12_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.35mm to 0.90mm
	GCJ31MR71E184MA01_	GCJ188R71E184MA12_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.35mm to 0.90mm

	Current Murata PN	Alternative Murata PN	相違点/difference
	GCJ31MR11E124KA01_	GCJ188R71E124KA01_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.35mm to 0.90mm ・ Temperature characteristics:R to X7R
	GCJ31MR11E124MA01_	GCJ188R71E124MA01_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.35mm to 0.90mm ・ Temperature characteristics:R to X7R
	GCJ31MR11E154KA01_	GCJ188R71E154KA01_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.35mm to 0.90mm ・ Temperature characteristics:R to X7R
	GCJ31MR11E154MA01_	GCJ188R71E154MA01_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.35mm to 0.90mm ・ Temperature characteristics:R to X7R
	GCJ31MR11E184KA01_	GCJ188R71E184KA12_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.35mm to 0.90mm ・ Temperature characteristics:R to X7R
	GCJ31MR11E184MA01_	GCJ188R71E184MA12_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.35mm to 0.90mm ・ Temperature characteristics:R to X7R
	GCJ31MR11H124KA01_	GCJ188R91H124KA01_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.35mm to 0.90mm ・ Temperature characteristics:R to X8R
	GCJ31MR11H124MA01_	GCJ188R91H124MA01_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.35mm to 0.90mm ・ Temperature characteristics:R to X8R
	GCJ31MR71H124KA01_	GCJ188R91H124KA01_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.35mm to 0.90mm ・ Temperature characteristics:X7R to X8R
	GCJ31MR71H124MA01_	GCJ188R91H124MA01_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.35mm to 0.90mm ・ Temperature characteristics:X7R to X8R
	GRM31CR71H224KA01_	GRM188R71H224KAC4_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):1.80mm to 0.90mm
	GRM3165C1H392JA01_	GRM2165C1H392JA01_	・ LW size:3216M(1206inch) to 2012M(0805inch)
	GRM3165C1H472JA01_	GRM2165C1H472JA01_	・ LW size:3216M(1206inch) to 2012M(0805inch)
	GRM3165C2A392JA01_	GRM2165C2A392JA01_	・ LW size:3216M(1206inch) to 2012M(0805inch)
	GRM3165C2A472JA01_	GRM2165C2A472JA01_	・ LW size:3216M(1206inch) to 2012M(0805inch)
	GRM3165C1H332JA01_	GRM2165C1H332JA01_	・ LW size:3216M(1206inch) to 2012M(0805inch)
	GRM3165C2A332JA01_	GRM2165C2A332JA01_	・ LW size:3216M(1206inch) to 2012M(0805inch)

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRJ188R60J106KE11_	GCJ188D70J106ME02_	- Series:GRJ to GCJ - Temperature characteristics:X5R to X7T - Capacitance Tolerance:±10% to ±20%
	GRJ188R60J106ME11_	GCJ188D70J106ME02_	- Series:GRJ to GCJ - Temperature Characteristics:X5R to X7T
	GCM319R71H273KA01_	GCM219R72A273KA37_	- LW size:3216M(1206inch) to 2012M(0805inch) - Rated Voltage:50V to 100V
	GCM319R71H273KA02_	GCM219R72A273KA37_	- LW size:3216M(1206inch) to 2012M(0805inch) - Rated Voltage:50V to 100V
	GCM319R71H273MA01_	GCM219R72A273MA37_	- LW size:3216M(1206inch) to 2012M(0805inch) - Rated Voltage:50V to 100V
	GCM319R71H273MA02_	GCM219R72A273MA37_	- LW size:3216M(1206inch) to 2012M(0805inch) - Rated Voltage:50V to 100V
	GRM316B31E225KA75_	GRM21BR71E225KE11_	- LW size:3216M(1206inch) to 2012M(0805inch) - T size(Max):0.70mm to 1.40mm - Temperature characteristics:B to X7R
	GRM316B31E225MA75_	GRM21BR71E225ME11_	- LW size:3216M(1206inch) to 2012M(0805inch) - T size(Max):0.70mm to 1.40mm - Temperature characteristics:B to X7R
	GRM316B31A475KE18_	GRM21BR71A475KE51_	- LW size:3216M(1206inch) to 2012M(0805inch) - T size(Max):0.70mm to 1.40mm - Temperature characteristics:B to X7R
	GRM316B31A475ME18_	GRM21BR71A475ME51_	- LW size:3216M(1206inch) to 2012M(0805inch) - T size(Max):0.70mm to 1.40mm - Temperature characteristics:B to X7R
	GRM316B31A335KE18_	GRM21BR71A475KE51_	- LW size:3216M(1206inch) to 2012M(0805inch) - T size(Max):0.70mm to 1.40mm - Temperature characteristics:B to X7R - Capacitance:3.3uF to 4.7uF
	GRM316B31A335KE18_	GRM21BR71A475KE51_	- LW size:3216M(1206inch) to 2012M(0805inch) - T size(Max):0.70mm to 1.40mm - Temperature characteristics:B to X7R - Capacitance:3.3uF to 4.7uF
	GRM316B31C225KA87_	GRM155R61C225KE11_	- LW size:3216M(1206inch) to 1005M(0402inch) - Temperature characteristics:B to X5R
	GRM316B31C225KA87_	GRM155R61C225KE11_	- LW size:3216M(1206inch) to 1005M(0402inch) - Temperature characteristics:B to X5R
	GRM316B31C225MA87_	GRM155R61C225ME11_	- LW size:3216M(1206inch) to 1005M(0402inch) - Temperature characteristics:B to X5R
	GRM316B31C225MA87_	GRM155R61C225ME11_	- LW size:3216M(1206inch) to 1005M(0402inch) - Temperature characteristics:B to X5R
	GRM316B31C225MA87_	GRM155R61C225ME11_	- LW size:3216M(1206inch) to 1005M(0402inch) - Temperature characteristics:B to X5R

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRT316R61C225KE01_	GRT21BR71C225KE01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.70mm to 1.40mm · Temperature characteristics:X5R to X7R
	GRT316R61E225KE01_	GRT21BR71E225KE13_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.70mm to 1.40mm · Temperature characteristics:X5R to X7R
	GRT316R61A475KE01_	GRT21BR71A475KE13_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.70mm to 1.40mm · Temperature characteristics:X5R to X7R
	GRM316R61E225KA12_	GRM21BR71E225KE11_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.70mm to 1.40mm · Temperature characteristics:X5R to X7R
	GRM316R61E225MA12_	GRM21BR71E225ME11_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.70mm to 1.40mm · Temperature characteristics:X5R to X7R
	GRM316R61A475KE19_	GRM21BR71A475KE51_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.70mm to 1.40mm · Temperature characteristics:X5R to X7R
	GRM316R61A475ME19_	GRM21BR71A475ME51_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.70mm to 1.40mm · Temperature characteristics:X5R to X7R
	GRT316R61C225ME01_	GRT21BR71C225KE01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.70mm to 1.40mm · Temperature characteristics:X5R to X7R · Capacitance Tolerance:±20% to ±10%
	GRT316R61E225ME01_	GRT21BR71E225KE13_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.70mm to 1.40mm · Temperature characteristics:X5R to X7R · Capacitance Tolerance:±20% to ±10%
	GRT316R61A475ME01_	GRT21BR71A475KE13_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.70mm to 1.40mm · Temperature characteristics:X5R to X7R · Capacitance Tolerance:±20% to ±10%
	GRM316R61A335KE19_	GRM21BR71A475KE51_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.70mm to 1.40mm · Temperature characteristics:X5R to X7R · Capacitance:3.3uF to 4.7uF
	GRT316R61A225KE01_	GRT21BR71C225KE01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.70mm to 1.40mm · Temperature characteristics:X5R to X7R · Rated Voltage:10V to 16V
	GRT316R61A225ME01_	GRT21BR71C225KE01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.70mm to 1.40mm · Temperature characteristics:X5R to X7R · Rated Voltage:10V to 16V · Capacitance Tolerance:±20% to ±10%
	GRM316R61C225KA88_	GRM155R61C225KE11_	· LW size:3216M(1206inch) to 1005M(0402inch)
	GRM316R61C225MA88_	GRM155R61C225ME11_	· LW size:3216M(1206inch) to 1005M(0402inch)
	GRT316C81C225KE01_	GRT21BR71C225KE01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.70mm to 1.40mm · Temperature characteristics:X6S to X7R
	GRT316C81C225ME01_	GRT21BR71C225KE01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.70mm to 1.40mm · Temperature characteristics:X6S to X7R · Capacitance Tolerance:±20% to ±10%

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM316C81C225KA12_	GRM155C81C225KE11_	・ LW size:3216M(1206inch) to 1005M(0402inch)
	GRM316C81C225MA12_	GRM155C81C225ME11_	・ LW size:3216M(1206inch) to 1005M(0402inch)
	GRM316D71C225KA12_	GRM188C71C225KE11_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):0.70mm to 1.00mm ・ Temperature characteristics:X7T to X7S
	GRM316D71C225MA12_	GRM188C71C225ME11_	・ LW size:3216M(1206inch) to 1608M(0603inch) ・ T size(Max):0.70mm to 1.00mm ・ Temperature characteristics:X7T to X7S
	GRM319B11H273JA01_	GRM2165C1H273JA01_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):0.95mm to 0.65mm ・ Temperature characteristics:B to C0G
	GRM319B11H333JA01_	GRM2165C1H333JA01_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):0.95mm to 0.65mm ・ Temperature characteristics:B to C0G
	GRM319B11H303JA01_	GRM2165C1H333JA01_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):0.95mm to 0.65mm ・ Temperature characteristics:B to C0G ・ Capacitance:30nF to 33nF
	GRM319R11H273JA01_	GRM2165C1H273JA01_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):0.95mm to 0.65mm ・ Temperature characteristics:R to C0G
	GRM319R11H333JA01_	GRM2165C1H333JA01_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):0.95mm to 0.65mm ・ Temperature characteristics:R to C0G
	GRM319R11H303JA01_	GRM2165C1H333JA01_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):0.95mm to 0.65mm ・ Temperature characteristics:R to C0G ・ Capacitance:30nF to 33nF
	GRM319R11H433JA01_	GRM21B7U1H433JA01_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):0.95mm to 0.65mm ・ Temperature characteristics:R to U2J
	GRM319R11H473JA01_	GRM21B7U1H473JA01_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):0.95mm to 0.65mm ・ Temperature characteristics:R to U2J
	GRM319R11H473KA01_	GRM21B7U1H473JA01_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):0.95mm to 0.65mm ・ Temperature characteristics:R to U2J ・ Capacitance Tolerance:±10% to ±5%
	GRM319R11H473MA01_	GRM21B7U1H473JA01_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):0.95mm to 0.65mm ・ Temperature characteristics:R to U2J ・ Capacitance Tolerance:±20% to ±5%
	GRM319R11H363JA01_	GRM21B7U1H393JA01_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):0.95mm to 0.65mm ・ Temperature characteristics:R to U2J ・ Capacitance:36nF to 39nF
	GRM319R11H393JA01_	GRM21B7U1H393JA01_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):0.95mm to 0.65mm ・ Temperature characteristics:R to U2J ・ Capacitance:36nF to 39nF
	GRM319R71H273JA01_	GRM2165C1H273JA01_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):0.95mm to 0.65mm ・ Temperature Characteristics:X7R to C0G

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM319R71H273JA26_	GRM2165C1H273JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.95mm to 0.65mm · Temperature Characteristics:X7R to C0G
	GRM319R71H333JA01_	GRM2165C1H333JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.95mm to 0.65mm · Temperature Characteristics:X7R to C0G
	GRM319R71H243JA26_	GRM2165C1H273JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.95mm to 0.65mm · Temperature Characteristics:X7R to C0G · Capacitance:24nF to 27nF
	GRM319R71H303JA01_	GRM2165C1H333JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.95mm to 0.65mm · Temperature Characteristics:X7R to C0G · Capacitance:30nF to 33nF
	GRM319R71H393JA01_	GRM21B7U1H393JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.95mm to 0.65mm · Temperature Characteristics:X7R to U2J
	GRM319R71H433JA01_	GRM21B7U1H433JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.95mm to 0.65mm · Temperature Characteristics:X7R to U2J
	GRM319R71H473JA01_	GRM21B7U1H473JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.95mm to 0.65mm · Temperature Characteristics:X7R to U2J
	GRM319R71H473KA01_	GRM21B7U1H473JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.95mm to 0.65mm · Temperature Characteristics:X7R to U2J · Capacitance Tolerance:±10% to ±5%
	GRM319R71H473KA01_	GRM21B7U1H473JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.95mm to 0.65mm · Temperature Characteristics:X7R to U2J · Capacitance Tolerance:±10% to ±5%
	GRM319R71H473MA01_	GRM21B7U1H473JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.95mm to 0.65mm · Temperature Characteristics:X7R to U2J · Capacitance Tolerance:±20% to ±5%
	GRM319R71H363JA01_	GRM21B7U1H393JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.95mm to 0.65mm · Temperature Characteristics:X7R to U2J · Capacitance:36nF to 39nF
	GRM319B11H272KA01_	GRM2165C1H272JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.95mm to 0.7mm · Temperature characteristics:B to C0G · Capacitance Tolerance:±10% to ±5%
	GRM319B11H332KA01_	GRM2165C1H332JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.95mm to 0.7mm · Temperature characteristics:B to C0G · Capacitance Tolerance:±10% to ±5%
	GRM319B11H392KA01_	GRM2165C1H392JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.95mm to 0.7mm · Temperature characteristics:B to C0G · Capacitance Tolerance:±10% to ±5%
	GRM319B11H472KA01_	GRM2165C1H472JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.95mm to 0.7mm · Temperature characteristics:B to C0G · Capacitance Tolerance:±10% to ±5%
	GRM319B11H472KA59_	GRM2165C1H472JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.95mm to 0.7mm · Temperature characteristics:B to C0G · Capacitance Tolerance:±10% to ±5%
	GRM319B11H273KA01_	GRM2165C1H273JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.95mm to 0.7mm · Temperature characteristics:B to C0G · Capacitance Tolerance:±10% to ±5%

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM319B11H273KA01_	GRM2165C1H273JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.95mm to 0.7mm · Temperature characteristics:B to C0G · Capacitance Tolerance:±10% to ±5%
	GRM319B11H333KA01_	GRM2165C1H333JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.95mm to 0.7mm · Temperature characteristics:B to C0G · Capacitance Tolerance:±10% to ±5%
	GRM319B11H333KA01_	GRM2165C1H333JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.95mm to 0.7mm · Temperature characteristics:B to C0G · Capacitance Tolerance:±10% to ±5%
	GRM319B11H333KA01_	GRM2165C1H333JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.95mm to 0.7mm · Temperature characteristics:B to C0G · Capacitance Tolerance:±10% to ±5%
	GRM319B11H333KA01_	GRM2165C1H333JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.95mm to 0.7mm · Temperature characteristics:B to C0G · Capacitance Tolerance:±10% to ±5%
	GRM319B11H333KA01_	GRM2165C1H333JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.95mm to 0.7mm · Temperature characteristics:B to C0G · Capacitance Tolerance:±10% to ±5%
	GRM319B11H333KA01_	GRM2165C1H333JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.95mm to 0.7mm · Temperature characteristics:B to C0G · Capacitance Tolerance:±10% to ±5%
	GRM319B11H333KA22_	GRM2165C1H333JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.95mm to 0.7mm · Temperature characteristics:B to C0G · Capacitance Tolerance:±10% to ±5%
	GRM319B11H272MA01_	GRM2165C1H272JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.95mm to 0.7mm · Temperature characteristics:B to C0G · Capacitance Tolerance:±20% to ±5%
	GRM319B11H332MA01_	GRM2165C1H332JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.95mm to 0.7mm · Temperature characteristics:B to C0G · Capacitance Tolerance:±20% to ±5%
	GRM319B11H392MA01_	GRM2165C1H392JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.95mm to 0.7mm · Temperature characteristics:B to C0G · Capacitance Tolerance:±20% to ±5%
	GRM319B11H472MA01_	GRM2165C1H472JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.95mm to 0.7mm · Temperature characteristics:B to C0G · Capacitance Tolerance:±20% to ±5%
	GRM319B11H273MA01_	GRM2165C1H273JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.95mm to 0.7mm · Temperature characteristics:B to C0G · Capacitance Tolerance:±20% to ±5%
	GRM319B11H333MA01_	GRM2165C1H333JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.95mm to 0.7mm · Temperature characteristics:B to C0G · Capacitance Tolerance:±20% to ±5%
	GRM319B11E224KA01_	GRM188R71E224KA88_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.95mm to 0.90mm · Temperature characteristics:B to X7R
	GCM319R71H124KA01_	GCM21BR71H224KA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.95mm to 1.35mm · Capacitance:0.12uF to 0.22uF
	GRM319R71H274KA01_	GRM21BR71H474KA88_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.95mm to 1.35mm · Capacitance:0.27uF to 0.47uF
	GRM319R71H274KA26_	GRM21BR71H474KA88_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.95mm to 1.35mm · Capacitance:0.27uF to 0.47uF

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM319R71H274MA01_	GRM21BR71H474MA88_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.95mm to 1.35mm · Capacitance:0.27uF to 0.47uF
	GRM319R71H274JA01_	GRM21BR71H474KA88_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.95mm to 1.35mm · Capacitance:0.27uF to 0.47uF · Capacitance Tolerance:±5% to ±10%
	GRM319R71H334KA01_	GRM21BR71H474KA88_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.95mm to 1.35mm · Capacitance:0.33uF to 0.47uF
	GRM319R71H334KA01_	GRM21BR71H474KA88_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.95mm to 1.35mm · Capacitance:0.33uF to 0.47uF
	GRM319R71H334KA26_	GRM21BR71H474KA88_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.95mm to 1.35mm · Capacitance:0.33uF to 0.47uF
	GRM319R71H334MA01_	GRM21BR71H474MA88_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.95mm to 1.35mm · Capacitance:0.33uF to 0.47uF
	GRM319R71H334JA01_	GRM21BR71H474KA88_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.95mm to 1.35mm · Capacitance:0.33uF to 0.47uF · Capacitance Tolerance:±5% to ±10%
	GRM319B11H223KA01_	GRM21B5C1H223JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.95mm to 1.35mm · Temperature characteristics:B to C0G · Capacitance Tolerance:±10% to ±5%
	GRM319B11H223KA01_	GRM21B5C1H223JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.95mm to 1.35mm · Temperature characteristics:B to C0G · Capacitance Tolerance:±10% to ±5%
	GRM319B11H223KA01_	GRM21B5C1H223JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.95mm to 1.35mm · Temperature characteristics:B to C0G · Capacitance Tolerance:±10% to ±5%
	GRM319B11H223KA01_	GRM21B5C1H223JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.95mm to 1.35mm · Temperature characteristics:B to C0G · Capacitance Tolerance:±10% to ±5%
	GRM319B11H223KA01_	GRM21B5C1H223JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.95mm to 1.35mm · Temperature characteristics:B to C0G · Capacitance Tolerance:±10% to ±5%
	GRM319B11H223KA22_	GRM21B5C1H223JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.95mm to 1.35mm · Temperature characteristics:B to C0G · Capacitance Tolerance:±10% to ±5%
	GRM319B11H223MA01_	GRM21B5C1H223JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.95mm to 1.35mm · Temperature characteristics:B to C0G · Capacitance Tolerance:±20% to ±5%
	GRM319B11H393JA01_	GRM21B7U1H393JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.95mm to 1.35mm · Temperature characteristics:B to U2J
	GRM319B11H433JA01_	GRM21B7U1H433JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.95mm to 1.35mm · Temperature characteristics:B to U2J
	GRM319B11H473JA01_	GRM21B7U1H473JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.95mm to 1.35mm · Temperature characteristics:B to U2J

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM319B11H473KA01_	GRM21B7U1H473JA01_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):0.95mm to 1.35mm ・ Temperature characteristics:B to U2J ・ Capacitance Tolerance:±10% to ±5%
	GRM319B11H473KA01_	GRM21B7U1H473JA01_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):0.95mm to 1.35mm ・ Temperature characteristics:B to U2J ・ Capacitance Tolerance:±10% to ±5%
	GRM319B11H473KA01_	GRM21B7U1H473JA01_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):0.95mm to 1.35mm ・ Temperature characteristics:B to U2J ・ Capacitance Tolerance:±10% to ±5%
	GRM319B11H473KA01_	GRM21B7U1H473JA01_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):0.95mm to 1.35mm ・ Temperature characteristics:B to U2J ・ Capacitance Tolerance:±10% to ±5%
	GRM319B11H473KA22_	GRM21B7U1H473JA01_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):0.95mm to 1.35mm ・ Temperature characteristics:B to U2J ・ Capacitance Tolerance:±10% to ±5%
	GRM319B11H393KA01_	GRM21B7U1H393JA01_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):0.95mm to 1.35mm ・ Temperature characteristics:B to U2J ・ Capacitance Tolerance:±10% to ±5%
	GRM319B11H393KA01_	GRM21B7U1H393JA01_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):0.95mm to 1.35mm ・ Temperature characteristics:B to U2J ・ Capacitance Tolerance:±10% to ±5%
	GRM319B11H433KA01_	GRM21B7U1H433JA01_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):0.95mm to 1.35mm ・ Temperature characteristics:B to U2J ・ Capacitance Tolerance:±10% to ±5%
	GRM319B11H473MA01_	GRM21B7U1H473JA01_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):0.95mm to 1.35mm ・ Temperature characteristics:B to U2J ・ Capacitance Tolerance:±20% to ±5%
	GRM319B11H393MA01_	GRM21B7U1H393JA01_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):0.95mm to 1.35mm ・ Temperature characteristics:B to U2J ・ Capacitance Tolerance:±20% to ±5%
	GRM319B11H433MA01_	GRM21B7U1H433JA01_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):0.95mm to 1.35mm ・ Temperature characteristics:B to U2J ・ Capacitance Tolerance:±20% to ±5%
	GRM319B11H363JA01_	GRM21B7U1H393JA01_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):0.95mm to 1.35mm ・ Temperature characteristics:B to U2J ・ Capacitance:36nF to 39nF
	GCM319R72A104KA01_	GCM21BR72A104KA37_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):0.95mm to 1.40mm
	GCM319R72A104KA02_	GCM21BR72A104KA37_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):0.95mm to 1.40mm
	GCM319R72A104KA14_	GCM21BR72A104KA37_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):0.95mm to 1.40mm
	GCM319R72A104KA37_	GCM21BR72A104KA37_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):0.95mm to 1.40mm
	GCM319R72A104MA01_	GCM21BR72A104MA37_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):0.95mm to 1.40mm

	Current Murata PN	Alternative Murata PN	相違点/difference
	GCM319R72A104MA37_	GCM21BR72A104MA37_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.95mm to 1.40mm
	GCM319R11H124KA01_	GCM21BR11H224KA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.95mm to 1.40mm · Capacitance:0.12uF to 0.22uF
	GCM319R11H124MA01_	GCM21BR11H224MA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.95mm to 1.40mm · Capacitance:0.12uF to 0.22uF
	GCM319R71H124KA37_	GCM21BR71H224KA37_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.95mm to 1.40mm · Capacitance:0.12uF to 0.22uF
	GCM319R71H124MA01_	GCM21BR71H224MA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.95mm to 1.40mm · Capacitance:0.12uF to 0.22uF
	GCM319R71H124MA37_	GCM21BR71H224MA37_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.95mm to 1.40mm · Capacitance:0.12uF to 0.22uF
	GCM319B11H104KA01_	GCM21BR72A104KA37_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.95mm to 1.40mm · Temperature characteristics:B to X7R · Rated Voltage:50V to 100V
	GCJ319R72A104KA01_	GCJ21BR72A104KA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.95mm to 1.45mm
	GCJ319R72A104KA14_	GCJ21BR72A104KA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.95mm to 1.45mm
	GCJ319R72A104MA01_	GCJ21BR72A104MA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.95mm to 1.45mm
	GCJ319R71H104KA01_	GCJ21BR72A104KA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.95mm to 1.45mm · Rated Voltage:50V to 100V
	GCJ319R71H104MA01_	GCJ21BR72A104MA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.95mm to 1.45mm · Rated Voltage:50V to 100V
	GCJ319R11H104KA01_	GCJ21BR72A104KA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.95mm to 1.45mm · Temperature characteristics:R to X7R · Rated Voltage:50V to 100V
	GCJ319R11H104MA01_	GCJ21BR72A104MA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.95mm to 1.45mm · Temperature characteristics:R to X7R · Rated Voltage:50V to 100V
	GRM31MB11H333JA01_	GRM2165C1H333JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 0.65mm · Temperature characteristics:B to C0G
	GRM31MR11H333JA01_	GRM2165C1H333JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 0.65mm · Temperature characteristics:R to C0G
	GRM31MR71H333JA01_	GRM2165C1H333JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 0.65mm · Temperature characteristics:X7R to C0G

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM31MR71H333JA26_	GRM2165C1H333JA01_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 0.65mm ・ Temperature characteristics:X7R to C0G
	GRM31MB11E224KA01_	GRM188R71E224KA88_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 0.90mm ・ Temperature characteristics:B to X7R
	GRM31MB11E224KA01_	GRM188R71E224KA88_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 0.90mm ・ Temperature characteristics:B to X7R
	GRM31MB11E224KA01_	GRM188R71E224KA88_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 0.90mm ・ Temperature characteristics:B to X7R
	GRM31MB11E224MA01_	GRM188R71E224MA88_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 0.90mm ・ Temperature characteristics:B to X7R
	GCM31MR72A273KA01_	GCM219R72A273KA37_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 0.95mm
	GCM31MR72A273MA01_	GCM219R72A273MA37_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 0.95mm
	GCM31MR72A333KA01_	GCM219R72A333KA37_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 0.95mm
	GCM31MR72A333KA02_	GCM219R72A333KA37_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 0.95mm
	GCM31MR72A333KA26_	GCM219R72A333KA37_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 0.95mm
	GCM31MR72A333MA01_	GCM219R72A333MA37_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 0.95mm
	GCM31MR72A393KA01_	GCM219R72A393KA37_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 0.95mm
	GCM31MR72A393KA02_	GCM219R72A393KA37_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 0.95mm
	GCM31MR72A393MA01_	GCM219R72A393MA37_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 0.95mm
	GCM31MR71H334KA01_	GCM219R71H334KA55_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 0.95mm
	GCM31MR71H334KA37_	GCM219R71H334KA55_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 0.95mm
	GCM31MR71H334MA01_	GCM219R71H334MA55_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 0.95mm

	Current Murata PN	Alternative Murata PN	相違点/difference
	GCM31MR71H334MA37_	GCM219R71H334MA55_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 0.95mm
	GCM31MR71H334JA37_	GCM219R71H334KA55_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 0.95mm · Capacitance Tolerance:±5% to ±10%
	GCM31MR71H274KA01_	GCM219R71H334KA40_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 0.95mm · Capacitance:0.27uF to 0.33uF
	GCM31MR71H274KA37_	GCM219R71H334KA55_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 0.95mm · Capacitance:0.27uF to 0.33uF
	GCM31MR71H274MA01_	GCM219R71H334MA40_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 0.95mm · Capacitance:0.27uF to 0.33uF
	GCM31MR71H274MA37_	GCM219R71H334MA55_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 0.95mm · Capacitance:0.27uF to 0.33uF
	GCM31MR71H393KA01_	GCM219R72A393KA37_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 0.95mm · Rated Voltage:50V to 100V
	GCM31MR71H393KA02_	GCM219R72A393KA37_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 0.95mm · Rated Voltage:50V to 100V
	GCM31MR71H393MA01_	GCM219R72A393MA37_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 0.95mm · Rated Voltage:50V to 100V
	GCM31MR71H393MA02_	GCM219R72A393MA37_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 0.95mm · Rated Voltage:50V to 100V
	GCM31MR11H334KA01_	GCM219R71H334KA55_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 0.95mm · Temperature characteristics:R to X7R
	GCM31MR11H334MA01_	GCM219R71H334MA55_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 0.95mm · Temperature characteristics:R to X7R
	GCM31MR11H274KA01_	GCM219R71H334KA40_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 0.95mm · Temperature characteristics:R to X7R · Capacitance:0.27uF to 0.33uF
	GCM31MR11H274MA01_	GCM219R71H334MA40_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 0.95mm · Temperature characteristics:R to X7R · Capacitance:0.27uF to 0.33uF
	GCM31MR11H393KA01_	GCM219R72A393KA37_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 0.95mm · Temperature characteristics:R to X7R · Rated Voltage:50V to 100V
	GCM31MR11H393MA01_	GCM219R72A393MA37_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 0.95mm · Temperature characteristics:R to X7R · Rated Voltage:50V to 100V
	GRM31MR72A224KA01_	GRM21AR72A224KAC5_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.00mm

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM31MR72A224KA01_	GRM21AR72A224KAC5_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 1.00mm
	GRM31MR72A224KA01_	GRM21AR72A224KAC5_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 1.00mm
	GRM31MR72A224MA01_	GRM21AR72A224MAC5_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 1.00mm
	GRM31MR72A224JA01_	GRM21AR72A224KAC5_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 1.00mm ・ Capacitance Tolerance:±5% to ±10%
	GRM31MR72A124KA01_	GRM21AR72A224KAC5_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 1.00mm ・ Capacitance:0.12uF to 0.22uF
	GRM31MR72A124MA01_	GRM21AR72A224MAC5_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 1.00mm ・ Capacitance:0.12uF to 0.22uF
	GRM31MR72A154KA01_	GRM21AR72A224KAC5_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 1.00mm ・ Capacitance:0.15uF to 0.22uF
	GRM31MR72A154KA01_	GRM21AR72A224KAC5_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 1.00mm ・ Capacitance:0.15uF to 0.22uF
	GRM31MR72A154MA01_	GRM21AR72A224MAC5_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 1.00mm ・ Capacitance:0.15uF to 0.22uF
	GRM31MR72A154JA01_	GRM21AR72A224KAC5_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 1.00mm ・ Capacitance:0.15uF to 0.22uF ・ Capacitance Tolerance:±5% to ±10%
	GXM31MR71H474KA02_	GXM21BR71H474KA88_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 1.35mm
	GRM31MR72A473JA01_	GRM21BR72A473JA01_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 1.35mm
	GRM31MR72A473KA01_	GRM21BR72A473KA01_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 1.35mm
	GRM31MR72A473KA01_	GRM21BR72A473KA01_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 1.35mm
	GRM31MR72A473MA01_	GRM21BR72A473MA01_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 1.35mm
	GRM31MR71H474KA01_	GRM21BR71H474KA88_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 1.35mm
	GRM31MR71H474KA01_	GRM21BR71H474KA88_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 1.35mm

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM31MR71H474KA01_	GRM21BR71H474KA88_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.35mm
	GRM31MR71H474KA22_	GRM21BR71H474KA88_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.35mm
	GRM31MR71H474KA36_	GRM21BR71H474KA88_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.35mm
	GRM31MR71H474MA01_	GRM21BR71H474MA88_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.35mm
	GRM31MR71H474JA01_	GRM21BR71H474KA88_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.35mm · Capacitance Tolerance:±5% to ±10%
	GCM31MR71H124KA01_	GCM21BR71H224KA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.35mm · Capacitance:0.12uF to 0.22uF
	GCM31MR11H184KA01_	GCM21BR11H224KA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.35mm · Capacitance:0.18uF to 0.22uF
	GRM31MR71H394KA01_	GRM21BR71H474KA88_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.35mm · Capacitance:0.39uF to 0.47uF
	GRM31MR71H394KA36_	GRM21BR71H474KA88_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.35mm · Capacitance:0.39uF to 0.47uF
	GRM31MR71H394MA01_	GRM21BR71H474MA88_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.35mm · Capacitance:0.39uF to 0.47uF
	GCM31MR71H684KA55_	GCM21BR71H105KA03_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.35mm · Capacitance:0.68uF to 1.00uF
	GCM31MR71H684KA55_	GCM21BR71H105KA03_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.35mm · Capacitance:0.68uF to 1.00uF
	GCM31MR71H684MA55_	GCM21BR71H105MA03_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.35mm · Capacitance:0.68uF to 1.00uF
	GCM31MR71H684JA55_	GCM21BR71H105KA03_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.35mm · Capacitance:0.68uF to 1.00uF · Capacitance Tolerance:±5% to ±10%
	GRM31MR72A273JA01_	GRM21BR72A473JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.35mm · Capacitance:27nF to 47nF
	GRM31MR72A273KA01_	GRM21BR72A473KA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.35mm · Capacitance:27nF to 47nF
	GRM31MR72A273MA01_	GRM21BR72A473MA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.35mm · Capacitance:27nF to 47nF

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM31MR72A333JA01_	GRM21BR72A473JA01_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 1.35mm ・ Capacitance:33nF to 47nF
	GRM31MR72A333KA01_	GRM21BR72A473KA01_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 1.35mm ・ Capacitance:33nF to 47nF
	GRM31MR72A333KA01_	GRM21BR72A473KA01_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 1.35mm ・ Capacitance:33nF to 47nF
	GRM31MR72A333KA26_	GRM21BR72A473KA01_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 1.35mm ・ Capacitance:33nF to 47nF
	GRM31MR72A333MA01_	GRM21BR72A473MA01_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 1.35mm ・ Capacitance:33nF to 47nF
	GRM31MR72A393JA01_	GRM21BR72A473JA01_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 1.35mm ・ Capacitance:39nF to 47nF
	GRM31MR72A393KA01_	GRM21BR72A473KA01_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 1.35mm ・ Capacitance:39nF to 47nF
	GRM31MR72A393KA01_	GRM21BR72A473KA01_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 1.35mm ・ Capacitance:39nF to 47nF
	GRM31MR72A393MA01_	GRM21BR72A473MA01_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 1.35mm ・ Capacitance:39nF to 47nF
	GRM31MB11H393JA01_	GRM21B7U1H393JA01_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 1.35mm ・ Temperature characteristics:B to U2J
	GRM31MB11H473JA01_	GRM21B7U1H473JA01_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 1.35mm ・ Temperature characteristics:B to U2J
	GRM31MB11H473KA01_	GRM21B7U1H473JA01_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 1.35mm ・ Temperature characteristics:B to U2J ・ Capacitance Tolerance:±10% to ±5%
	GRM31MB11H393KA01_	GRM21B7U1H393JA01_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 1.35mm ・ Temperature characteristics:B to U2J ・ Capacitance Tolerance:±10% to ±5%
	GRM31MB11H393MA01_	GRM21B7U1H393JA01_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 1.35mm ・ Temperature characteristics:B to U2J ・ Capacitance Tolerance:±20% to ±5%
	GRM31MB11H473MA01_	GRM21B7U1H473JA01_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 1.35mm ・ Temperature characteristics:B to U2J ・ Capacitance Tolerance:±20% to ±5%
	GRM31MR11H393JA01_	GRM21B7U1H393JA01_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 1.35mm ・ Temperature characteristics:R to U2J
	GRM31MR11H473JA01_	GRM21B7U1H473JA01_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 1.35mm ・ Temperature characteristics:R to U2J

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM31MR11H473KA01_	GRM21B7U1H473JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.35mm · Temperature characteristics:R to U2J · Capacitance Tolerance:±10% to ±5%
	GRM31MR11H473MA01_	GRM21B7U1H473JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.35mm · Temperature characteristics:R to U2J · Capacitance Tolerance:±20% to ±5%
	GRM31MR71H393JA01_	GRM21B7U1H393JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.35mm · Temperature characteristics:X7R to U2J
	GRM31MR71H393JA26_	GRM21B7U1H393JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.35mm · Temperature characteristics:X7R to U2J
	GRM31MR71H433JA26_	GRM21B7U1H433JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.35mm · Temperature characteristics:X7R to U2J
	GRM31MR71H473JA01_	GRM21B7U1H473JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.35mm · Temperature characteristics:X7R to U2J
	GRM31MR71H473JA26_	GRM21B7U1H473JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.35mm · Temperature characteristics:X7R to U2J
	GRM31MR71H473KA01_	GRM21B7U1H473JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.35mm · Temperature characteristics:X7R to U2J · Capacitance Tolerance:±10% to ±5%
	GRM31MR71H473KA26_	GRM21B7U1H473JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.35mm · Temperature characteristics:X7R to U2J · Capacitance Tolerance:±10% to ±5%
	GRM31MR71H473MA01_	GRM21B7U1H473JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.35mm · Temperature characteristics:X7R to U2J · Capacitance Tolerance:±20% to ±5%
	GRM31MR71H363JA26_	GRM21B7U1H393JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.35mm · Temperature characteristics:X7R to U2J · Capacitance:36nF to 39nF
	GCM31MR72A563KA01_	GCM21BR72A563KA37_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.40mm
	GCM31MR72A563MA01_	GCM21BR72A563MA37_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.40mm
	GCM31MR72A683KA01_	GCM21BR72A683KA37_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.40mm
	GCM31MR72A683MA01_	GCM21BR72A683MA37_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.40mm
	GCM31MR72A823KA01_	GCM21BR72A823KA37_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.40mm
	GCM31MR72A823MA01_	GCM21BR72A823MA37_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.40mm

	Current Murata PN	Alternative Murata PN	相違点/difference
	GCM31ML81H124KA01_	GCM21BL81H124KA37_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 1.40mm
	GCM31ML81H124KA37_	GCM21BL81H124KA37_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 1.40mm
	GCM31ML81H124MA01_	GCM21BL81H124MA37_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 1.40mm
	GCM31ML81H124MA37_	GCM21BL81H124MA37_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 1.40mm
	GCM31ML81H154KA01_	GCM21BL81H154KA37_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 1.40mm
	GCM31ML81H154KA37_	GCM21BL81H154KA37_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 1.40mm
	GCM31ML81H154MA01_	GCM21BL81H154MA37_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 1.40mm
	GCM31ML81H154MA37_	GCM21BL81H154MA37_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 1.40mm
	GCM31ML81H184KA01_	GCM21BL81H184KA37_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 1.40mm
	GCM31ML81H184KA37_	GCM21BL81H184KA37_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 1.40mm
	GCM31ML81H184MA01_	GCM21BL81H184MA37_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 1.40mm
	GCM31ML81H184MA37_	GCM21BL81H184MA37_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 1.40mm
	GCM31ML81H334KA01_	GCM21BL81H334KA56_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 1.40mm
	GCM31ML81H334KA37_	GCM21BL81H334KA56_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 1.40mm
	GCM31ML81H334MA01_	GCM21BL81H334MA56_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 1.40mm
	GCM31ML81H334MA37_	GCM21BL81H334MA56_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 1.40mm
	GCM31MR11H124KA01_	GCM21BR11H224KA01_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 1.40mm ・ Capacitance:0.12uF to 0.22uF

	Current Murata PN	Alternative Murata PN	相違点/difference
	GCM31MR11H124MA01_	GCM21BR11H224MA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.40mm · Capacitance:0.12uF to 0.22uF
	GCM31MR71H124KA37_	GCM21BR71H224KA37_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.40mm · Capacitance:0.12uF to 0.22uF
	GCM31MR71H124MA01_	GCM21BR71H224MA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.40mm · Capacitance:0.12uF to 0.22uF
	GCM31MR71H124MA37_	GCM21BR71H224MA37_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.40mm · Capacitance:0.12uF to 0.22uF
	GCM31MR11H184MA01_	GCM21BR11H224MA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.40mm · Capacitance:0.18uF to 0.22uF
	GCM31ML81H274KA01_	GCM21BL81H334KA42_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.40mm · Capacitance:0.27uF to 0.33uF
	GCM31ML81H274KA37_	GCM21BL81H334KA56_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.40mm · Capacitance:0.27uF to 0.33uF
	GCM31ML81H274MA01_	GCM21BL81H334MA42_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.40mm · Capacitance:0.27uF to 0.33uF
	GCM31ML81H274MA37_	GCM21BL81H334MA56_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.40mm · Capacitance:0.27uF to 0.33uF
	GCM31MR71H274JA37_	GCM21BR71H474KA55_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.40mm · Capacitance:0.27uF to 0.47uF · Capacitance Tolerance:±5% to ±10%
	GCM31MR71H394KA01_	GCM21BR71H474KA40_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.40mm · Capacitance:0.39uF to 0.47uF
	GCM31MR71H394KA37_	GCM21BR71H474KA55_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.40mm · Capacitance:0.39uF to 0.47uF
	GCM31MR71H394MA01_	GCM21BR71H474MA40_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.40mm · Capacitance:0.39uF to 0.47uF
	GCM31MR71H394MA37_	GCM21BR71H474MA55_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.40mm · Capacitance:0.39uF to 0.47uF
	GCM31MR71H394JA37_	GCM21BR71H474KA55_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.40mm · Capacitance:0.39uF to 0.47uF · Capacitance Tolerance:±5% to ±10%
	GCM31MR71H564KA55_	GCM21BR71H105KA03_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.40mm · Capacitance:0.56uF to 1uF
	GCM31MR71H564MA55_	GCM21BR71H105MA03_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.40mm · Capacitance:0.56uF to 1uF

	Current Murata PN	Alternative Murata PN	相違点/difference
	GCM31MR71H824KA55_	GCM21BR71H105KA03_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.40mm · Capacitance:0.82uF to 1uF
	GCM31MR71H824MA55_	GCM21BR71H105MA03_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.40mm · Capacitance:0.82uF to 1uF
	GCM31MR72A913KA01_	GCM21BR72A104KA37_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.40mm · Capacitance:91nF to 100nF
	GCM31MR72A913MA01_	GCM21BR72A104MA37_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.40mm · Capacitance:91nF to 100nF
	GCM31MR71H563KA01_	GCM21BR72A563KA37_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.40mm · Rated Voltage:50V to 100V
	GCM31MR71H563KA02_	GCM21BR72A563KA37_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.40mm · Rated Voltage:50V to 100V
	GCM31MR71H563MA01_	GCM21BR72A563MA37_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.40mm · Rated Voltage:50V to 100V
	GCM31MR71H563MA02_	GCM21BR72A563MA37_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.40mm · Rated Voltage:50V to 100V
	GCM31MR71H823KA01_	GCM21BR72A823KA37_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.40mm · Rated Voltage:50V to 100V
	GCM31MR71H823KA02_	GCM21BR72A823KA37_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.40mm · Rated Voltage:50V to 100V
	GCM31MR71H823MA01_	GCM21BR72A823MA37_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.40mm · Rated Voltage:50V to 100V
	GCM31MR71H823MA02_	GCM21BR72A823MA37_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.40mm · Rated Voltage:50V to 100V
	GRM31MB10J475KC11_	GRM155R61A475ME01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):1.25mm to 0.70mm · Temperature characteristics:B to X5R · Rated Voltage:6.3V to 10V · Capacitance Tolerance:±10% to 20%
	GRM31MB10J475MC11_	GRM155R61A475ME01_	· LW size:3216M(1206inch) to 1005M(0402inch) · T size(Max):1.25mm to 0.70mm · Temperature characteristics:B to X5R · Rated Voltage:6.3V to 10V
	GCM31MR11H394KA01_	GCM21BR71H474KA40_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.40mm · Temperature characteristics:R to X7R · Capacitance:0.39uF to 0.47uF
	GCM31MR11H394MA01_	GCM21BR71H474MA40_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.40mm · Temperature characteristics:R to X7R · Capacitance:0.39uF to 0.47uF
	GCM31MR11H563KA01_	GCM21BR72A563KA37_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.40mm · Temperature characteristics:R to X7R · Rated Voltage:50V to 100V

	Current Murata PN	Alternative Murata PN	相違点/difference
	GCM31MR11H563MA01_	GCM21BR72A563MA37_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 1.40mm ・ Temperature characteristics:R to X7R ・ Rated Voltage:50V to 100V
	GCM31MR11H823KA01_	GCM21BR72A823KA37_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 1.40mm ・ Temperature characteristics:R to X7R ・ Rated Voltage:50V to 100V
	GCM31MR11H823MA01_	GCM21BR72A823MA37_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 1.40mm ・ Temperature characteristics:R to X7R ・ Rated Voltage:50V to 100V
	GRM31MR61A475KC31_	GRM21BR71A475KE51_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 1.40mm ・ Temperature characteristics:X5R to X7R
	GRM31MR60J475KC11_	GRM155R61A475ME01_	・ LW size:3216M(1206inch) to 1005M(0402inch) ・ T size(Max):1.25mm to 0.70mm ・ Rated Voltage:6.3V to 10V ・ Capacitance Tolerance:±10% to 20%
	GCM31MR72A154KA01_	GCM21BC72A105KE36_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 1.45mm ・ Capacitance:0.15uF to 1.00uF
	GCM31MR72A154KA37_	GCM21BC72A105KE36_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 1.45mm ・ Capacitance:0.15uF to 1.00uF
	GCM31MR72A154KA37_	GCM21BC72A105KE36_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 1.45mm ・ Capacitance:0.15uF to 1.00uF
	GCM31MR72A154MA01_	GCM21BC72A105ME36_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 1.45mm ・ Capacitance:0.15uF to 1.00uF
	GCM31MR72A154MA37_	GCM21BC72A105ME36_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 1.45mm ・ Capacitance:0.15uF to 1.00uF
	GCM31MR72A154JA37_	GCM21BC72A105KE36_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.25mm to 1.45mm ・ Capacitance:0.15uF to 1.00uF ・ Capacitance Tolerance:±5% to ±10%
	GRM31MR72A474KA35_	GRM21BR72A474KA73_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.30mm to 1.40mm
	GRM31MR72A474KA35_	GRM21BR72A474KA73_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.30mm to 1.40mm
	GRM31MR72A474KA35_	GRM21BR72A474KA73_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.30mm to 1.40mm
	GRM31MR72A474KA35_	GRM21BR72A474KA73_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.30mm to 1.40mm
	GRM31MR72A474MA35_	GRM21BR72A474MA73_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.30mm to 1.40mm
	GRM31XB11A335KAA7_	GRM21BR71A475KE51_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.30mm to 1.40mm ・ Temperature characteristics:B to X7R ・ Capacitance:3.3uF to 4.7uF

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM31XB11A335KAA7_	GRM21BR71A475KE51_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.30mm to 1.40mm ・ Temperature characteristics:B to X7R ・ Capacitance:3.3uF to 4.7uF
	GRM31XB11A335KC12_	GRM21BR71A475KE51_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.30mm to 1.40mm ・ Temperature characteristics:B to X7R ・ Capacitance:3.3uF to 4.7uF
	GRM31XB11A335KC12_	GRM21BR71A475KE51_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.30mm to 1.40mm ・ Temperature characteristics:B to X7R ・ Capacitance:3.3uF to 4.7uF
	GRM31XR61A335KAA7_	GRM21BR71A475KE51_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.30mm to 1.40mm ・ Temperature characteristics:X5R to X7R ・ Capacitance:3.3uF to 4.7uF
	GRM31XR61A335KC12_	GRM21BR71A475KE51_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.30mm to 1.40mm ・ Temperature characteristics:X5R to X7R ・ Capacitance:3.3uF to 4.7uF
	GCJ31MR71H334KA01_	GCJ219R71H334KA12_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.35mm to 0.95mm
	GCJ31MR71H334KA14_	GCJ219R71H334KA12_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.35mm to 0.95mm
	GCJ31MR71H334MA01_	GCJ219R71H334MA12_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.35mm to 0.95mm
	GCJ31MR71H274KA01_	GCJ219R71H334KA12_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.35mm to 0.95mm ・ Capacitance:0.27uF to 0.33uF
	GCJ31MR71H274KA14_	GCJ219R71H334KA12_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.35mm to 0.95mm ・ Capacitance:0.27uF to 0.33uF
	GCJ31MR71H274MA01_	GCJ219R71H334MA12_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.35mm to 0.95mm ・ Capacitance:0.27uF to 0.33uF
	GCJ31MR11H334KA01_	GCJ219R71H334KA12_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.35mm to 0.95mm ・ Temperature characteristics:R to X7R
	GCJ31MR11H334MA01_	GCJ219R71H334MA12_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.35mm to 0.95mm ・ Temperature characteristics:R to X7R
	GCJ31MR11H274KA01_	GCJ219R71H334KA12_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.35mm to 0.95mm ・ Temperature characteristics:R to X7R ・ Capacitance:0.27uF to 0.33uF
	GCJ31MR11H274MA01_	GCJ219R71H334MA12_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.35mm to 0.95mm ・ Temperature characteristics:R to X7R ・ Capacitance:0.27uF to 0.33uF
	GCJ31MR71H184KA01_	GCJ21BR71H224KA01_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.35mm to 1.35mm ・ Capacitance:0.15uF to 0.22uF
	GCJ31MR11H184KA01_	GCJ21BR71H224KA01_	・ LW size:3216M(1206inch) to 2012M(0805inch) ・ T size(Max):1.35mm to 1.35mm ・ Temperature characteristics:R to X7R ・ Capacitance:0.18uF to 0.22uF

	Current Murata PN	Alternative Murata PN	相違点/difference
	GCJ31MR71H154KA01_	GCJ21BR71H224KA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.35mm to 1.45mm · Capacitance:0.15uF to 0.22uF
	GCJ31MR71H154MA01_	GCJ21BR71H224MA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.35mm to 1.45mm · Capacitance:0.15uF to 0.22uF
	GCJ31MR71H184MA01_	GCJ21BR71H224MA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.35mm to 1.45mm · Capacitance:0.15uF to 0.22uF
	GCJ31MR71H394KA01_	GCJ21BR71H474KA12_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.35mm to 1.45mm · Capacitance:0.39uF to 0.47uF
	GCJ31MR71H394KA14_	GCJ21BR71H474KA12_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.35mm to 1.45mm · Capacitance:0.39uF to 0.47uF
	GCJ31MR71H394MA01_	GCJ21BR71H474MA12_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.35mm to 1.45mm · Capacitance:0.39uF to 0.47uF
	GCJ31MR11H154KA01_	GCJ21BR71H224KA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.35mm to 1.45mm · Temperature characteristics:R to X7R · Capacitance:0.15uF to 0.22uF
	GCJ31MR11H154MA01_	GCJ21BR71H224MA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.35mm to 1.45mm · Temperature characteristics:R to X7R · Capacitance:0.15uF to 0.22uF
	GCJ31MR11H184MA01_	GCJ21BR71H224MA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.35mm to 1.45mm · Temperature characteristics:R to X7R · Capacitance:0.18uF to 0.22uF
	GCJ31MR11H394KA01_	GCJ21BR71H474KA12_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.35mm to 1.45mm · Temperature characteristics:R to X7R · Capacitance:0.39uF to 0.47uF
	GCJ31MR11H394MA01_	GCJ21BR71H474MA12_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.35mm to 1.45mm · Temperature characteristics:R to X7R · Capacitance:0.39uF to 0.47uF
	GRM154R61A565ME01_	GRM155R61A106ME18_	· T size(Max):0.45mm to 0.70mm · Capacitance:5.6uF to 10uF
	GRJ31AR61C176ME05_	GCJ31CC71C226ME02_	· Series:GRJ to GCJ · T size(Max):1.20mm to 2.00mm · Temperature characteristics:X5R to X7S · Capacitance:17uF to 22uF
	GRJ31MR71H474KE01_	GRJ21BC72A105KE11_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.35mm to 1.50mm · Temperature characteristics:X7R to X7S · Rated Voltage:50V to 100V · Capacitance:47uF to 105uF
	GRJ31CR61E106KE11_	GRJ21BR61E106KE01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.90mm to 1.45mm
	GRT316R61A335KE01_	GRT188R61C475KE13_	· LW size:3216M(1206inch) to 1608M(0603inch) · T size(Max):0.70mm to 0.95mm · Rated Voltage:10V to 16V · Capacitance:335 to 475
	GRT316R61A335ME01_	GRT188R61C475KE13_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):0.70mm to 0.95mm · Rated Voltage:10V to 16V · Capacitance:335 to 475 · Capacitance Tolerance:±20% to ±10%

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM31MB11H333KA01_	GRM2165C1H333JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 0.65mm · Temperature characteristics:B to C0G · Capacitance Tolerance:±10% to ±5%
	GRM31MB11H333MA01_	GRM2165C1H333JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.25mm to 0.65mm · Temperature characteristics:B to C0G · Capacitance Tolerance:±20% to ±5%
	GRM319B11H103KA01_	GRM2195C1H103JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · Temperature characteristics:B to C0G · Capacitance Tolerance:±10% to ±5%
	GRM319B11H103KA01_	GRM2195C1H103JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · Temperature characteristics:B to C0G · Capacitance Tolerance:±10% to ±5%
	GRM319B11H103KA01_	GRM2195C1H103JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · Temperature characteristics:B to C0G · Capacitance Tolerance:±10% to ±5%
	GRM319B11H103KA59_	GRM2195C1H103JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · Temperature characteristics:B to C0G · Capacitance Tolerance:±10% to ±5%
	GRM319B11H562KA01_	GRM2195C1H562JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · Temperature characteristics:B to C0G · Capacitance Tolerance:±10% to ±5%
	GRM319B11H682KA01_	GRM2195C1H682JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · Temperature characteristics:B to C0G · Capacitance Tolerance:±10% to ±5%
	GRM319B11H822KA01_	GRM2195C1H822JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · Temperature characteristics:B to C0G · Capacitance Tolerance:±10% to ±5%
	GRM319B11H123KA01_	GRM2195C1H123JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · Temperature characteristics:B to C0G · Capacitance Tolerance:±10% to ±5%
	GRM319B11H153KA01_	GRM2195C1H153JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · Temperature characteristics:B to C0G · Capacitance Tolerance:±10% to ±5%
	GRM319B11H103MA01_	GRM2195C1H103JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · Temperature characteristics:B to C0G · Capacitance Tolerance:±20% to ±5%
	GRM319B11H562MA01_	GRM2195C1H562JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · Temperature characteristics:B to C0G · Capacitance Tolerance:±20% to ±5%
	GRM319B11H682MA01_	GRM2195C1H682JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · Temperature characteristics:B to C0G · Capacitance Tolerance:±20% to ±5%
	GRM319B11H822MA01_	GRM2195C1H822JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · Temperature characteristics:B to C0G · Capacitance Tolerance:±20% to ±5%
	GRM319B11H123MA01_	GRM2195C1H123JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · Temperature characteristics:B to C0G · Capacitance Tolerance:±20% to ±5%
	GRM319B11H153MA01_	GRM2195C1H153JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · Temperature characteristics:B to C0G · Capacitance Tolerance:±20% to ±5%

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM319B0YA105KC36_	GRM219R7YA105KA12_	· LW size:3216M(1206inch) to 2012M(0805inch) · Temperature characteristics:B to X7R
	GRM319B0YA105KC36_	GRM219R7YA105KA12_	· LW size:3216M(1206inch) to 2012M(0805inch) · Temperature characteristics:B to X7R
	GRM3162C1H392JA01_	GRM2165C1H392JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · Temperature characteristics:CH to C0G
	GRM3162C1H472JA01_	GRM2165C1H472JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · Temperature characteristics:CH to C0G
	GRM3162C2A392JA01_	GRM2165C2A392JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · Temperature characteristics:CH to C0G
	GRM3162C2A472JA01_	GRM2165C2A472JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · Temperature characteristics:CH to C0G
	GRM3162C1H332JA01_	GRM2165C1H332JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · Temperature characteristics:CH to C0G
	GRM3162C2A332JA01_	GRM2165C2A332JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · Temperature characteristics:CH to C0G
	GCM319R11H273KA01_	GCM219R72A273KA37_	· LW size:3216M(1206inch) to 2012M(0805inch) · Temperature characteristics:R to X7R · Rated Voltage:50V to 100V
	GCM319R11H273MA01_	GCM219R72A273MA37_	· LW size:3216M(1206inch) to 2012M(0805inch) · Temperature characteristics:R to X7R · Rated Voltage:50V to 100V
	GRM3161X1H392JA01_	GRM2165C1H392JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · Temperature characteristics:SL to C0G
	GRM3161X1H472JA01_	GRM2165C1H472JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · Temperature characteristics:SL to C0G
	GRM3161X2A392JA01_	GRM2165C2A392JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · Temperature characteristics:SL to C0G
	GRM3161X2A472JA01_	GRM2165C2A472JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · Temperature characteristics:SL to C0G
	GRM3161X1H332JA01_	GRM2165C1H332JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · Temperature characteristics:SL to C0G
	GRM3161X2A332JA01_	GRM2165C2A332JA01_	· LW size:3216M(1206inch) to 2012M(0805inch) · Temperature characteristics:SL to C0G
	GRM32RB11E225KA01_	GRM155R61E225KE11_	· LW size:3225M(1210inch) to 1005M(0402inch) · T size(Max):2.00mm to 0.70mm · Temperature characteristics:B to X5R

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM32RB11E225KC01_	GRM155R61E225KE11_	· LW size:3225M(1210inch) to 1005M(0402inch) · T size(Max):2.00mm to 0.70mm · Temperature characteristics:B to X5R
	GRM32RB11E225MA01_	GRM155R61E225ME11_	· LW size:3225M(1210inch) to 1005M(0402inch) · T size(Max):2.00mm to 0.70mm · Temperature characteristics:B to X5R
	GRM32RB11E225MA01_	GRM155R61E225ME11_	· LW size:3225M(1210inch) to 1005M(0402inch) · T size(Max):2.00mm to 0.70mm · Temperature characteristics:B to X5R
	GRM32D7U1A474JA01_	GRM155R71A474KE01_	· LW size:3225M(1210inch) to 1005M(0402inch) · T size(Max):2.20mm to 0.55mm · Temperature characteristics:U2J to X7R · Capacitance Tolerance:±5% to ±10%
	GRM32ER61A106MA01_	GRM155R61A106ME18_	· LW size:3225M(1210inch) to 1005M(0402inch) · T size(Max):2.70mm to 0.70mm
	GRM32ER61A106MC01_	GRM155R61A106ME18_	· LW size:3225M(1210inch) to 1005M(0402inch) · T size(Max):2.70mm to 0.70mm
	GRM32EB11A106MA01_	GRM155R61A106ME18_	· LW size:3225M(1210inch) to 1005M(0402inch) · T size(Max):2.70mm to 0.70mm · Temperature characteristics:B to X5R
	GRM32EB11A106MC01_	GRM155R61A106ME18_	· LW size:3225M(1210inch) to 1005M(0402inch) · T size(Max):2.70mm to 0.70mm · Temperature characteristics:B to X5R
	GRM32RR61C475KA01_	GRM185R61C475KE11_	· LW size:3225M(1210inch) to 1608M(0603inch) · T size(Max):2.00mm to 0.55mm
	GRM32RR61C475KC01_	GRM185R61C475KE11_	· LW size:3225M(1210inch) to 1608M(0603inch) · T size(Max):2.00mm to 0.55mm
	GRM32RR61C475KC27_	GRM185R61C475KE11_	· LW size:3225M(1210inch) to 1608M(0603inch) · T size(Max):2.00mm to 0.55mm
	GRM32RB11C475KA01_	GRM185R61C475KE11_	· LW size:3225M(1210inch) to 1608M(0603inch) · T size(Max):2.00mm to 0.55mm · Temperature characteristics:B to X5R
	GRM32RB11C475KA01_	GRM185R61C475KE11_	· LW size:3225M(1210inch) to 1608M(0603inch) · T size(Max):2.00mm to 0.55mm · Temperature characteristics:B to X5R
	GRM32RB11C475KC01_	GRM185R61C475KE11_	· LW size:3225M(1210inch) to 1608M(0603inch) · T size(Max):2.00mm to 0.55mm · Temperature characteristics:B to X5R
	GRM32RB11C475KC01_	GRM185R61C475KE11_	· LW size:3225M(1210inch) to 1608M(0603inch) · T size(Max):2.00mm to 0.55mm · Temperature characteristics:B to X5R
	GRM32RB11C475KC18_	GRM185R61C475KE11_	· LW size:3225M(1210inch) to 1608M(0603inch) · T size(Max):2.00mm to 0.55mm · Temperature characteristics:B to X5R
	GRM32RB11H824MA01_	GRM188D71H105ME01_	· LW size:3225M(1210inch) to 1608M(0603inch) · T size(Max):2.00mm to 1.00mm · Temperature characteristics:B1 to D7 · Capacitance:0.82uF to 1uF

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM32RB11H824MA01_	GRM188D71H105ME01_	· LW size:3225M(1210inch) to 1608M(0603inch) · T size(Max):2.00mm to 1.00mm · Temperature characteristics:B1 to D7 · Capacitance:0.82uF to 1uF
	GRM32RB11H824KA01_	GRM188D71H105KE01_	· LW size:3225M(1210inch) to 1608M(0603inch) · T size(Max):2.00mm to 1.00mm · Temperature characteristics:B1 to D7 · Capacitance:0.82uF to 1uF
	GRM32RB11H824KA01_	GRM188D71H105KE01_	· LW size:3225M(1210inch) to 1608M(0603inch) · T size(Max):2.00mm to 1.00mm · Temperature characteristics:B1 to D7 · Capacitance:0.82uF to 1uF
	GRM32RB11H824JA01_	GRM188D71H105KE01_	· LW size:3225M(1210inch) to 1608M(0603inch) · T size(Max):2.00mm to 1.00mm · Temperature characteristics:B1 to D7 · Capacitance:0.82uF to 1uF · Capacitance Tolerance:±5% to ±10%
	GRM32RR11H824MA01_	GRM188D71H105ME01_	· LW size:3225M(1210inch) to 1608M(0603inch) · T size(Max):2.00mm to 1.00mm · Temperature characteristics:R to X7T · Capacitance:0.82uF to 1uF
	GRM32RR11H824KA01_	GRM188D71H105KE01_	· LW size:3225M(1210inch) to 1608M(0603inch) · T size(Max):2.00mm to 1.00mm · Temperature characteristics:R to X7T · Capacitance:0.82uF to 1uF
	GRM32RR11H824JA01_	GRM188D71H105KE01_	· LW size:3225M(1210inch) to 1608M(0603inch) · T size(Max):2.00mm to 1.00mm · Temperature characteristics:R to X7T · Capacitance:0.82uF to 1uF · Capacitance Tolerance:±5% to ±10%
	GRM32RR71C475JA01_	GRM188C71C475KE21_	· LW size:3225M(1210inch) to 1608M(0603inch) · T size(Max):2.00mm to 1.00mm · Temperature characteristics:X7R to X7S · Capacitance Tolerance:±5% to ±10%
	GRM32RR71H824MA01_	GRM188D71H105ME01_	· LW size:3225M(1210inch) to 1608M(0603inch) · T size(Max):2.00mm to 1.00mm · Temperature characteristics:X7R to X7T · Capacitance:0.82uF to 1uF
	GRM32RR71H824KA01_	GRM188D71H105KE01_	· LW size:3225M(1210inch) to 1608M(0603inch) · T size(Max):2.00mm to 1.00mm · Temperature characteristics:X7R to X7T · Capacitance:0.82uF to 1uF
	GRM32RR71H824JA01_	GRM188D71H105KE01_	· LW size:3225M(1210inch) to 1608M(0603inch) · T size(Max):2.00mm to 1.00mm · Temperature characteristics:X7R to X7T · Capacitance:0.82uF to 1uF · Capacitance Tolerance:±5% to ±10%
	GRT32DR60J226ME01_	GRT188R60J226ME13_	· LW size:3225M(1210inch) to 1608M(0603inch) · T size(Max):2.20mm to 0.95mm
	GRT32DR61A226ME01_	GRT188R61A226ME13_	· LW size:3225M(1210inch) to 1608M(0603inch) · T size(Max):2.20mm to 0.95mm
	GRT32DR60J226KE01_	GRT188R60J226ME13_	· LW size:3225M(1210inch) to 1608M(0603inch) · T size(Max):2.20mm to 0.95mm · Capacitance Tolerance:±10% to ±20%
	GRT32DR61A226KE01_	GRT188R61A226ME13_	· LW size:3225M(1210inch) to 1608M(0603inch) · T size(Max):2.20mm to 0.95mm · Capacitance Tolerance:±10% to ±20%
	GRM32DB11E335KA01_	GRM188R61E475KE11_	· LW size:3225M(1210inch) to 1608M(0603inch) · T size(Max):2.20mm to 0.95mm · Temperature characteristics:B to X5R · Capacitance:3.3uF to 4.7uF
	GRM32DB11E335KA01_	GRM188R61E475KE11_	· LW size:3225M(1210inch) to 1608M(0603inch) · T size(Max):2.20mm to 0.95mm · Temperature characteristics:B to X5R · Capacitance:3.3uF to 4.7uF

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM32DB11E335MA01_	GRM188R61E475ME11_	· LW size:3225M(1210inch) to 1608M(0603inch) · T size(Max):2.20mm to 0.95mm · Temperature characteristics:B to X5R · Capacitance:3.3uF to 4.7uF
	GRM32DB11E335MA01_	GRM188R61E475ME11_	· LW size:3225M(1210inch) to 1608M(0603inch) · T size(Max):2.20mm to 0.95mm · Temperature characteristics:B to X5R · Capacitance:3.3uF to 4.7uF
	GRT32ER60J226ME01_	GRT188R60J226ME13_	· LW size:3225M(1210inch) to 1608M(0603inch) · T size(Max):2.70mm to 1.00mm
	GRT32ER61A226ME01_	GRT188R61A226ME13_	· LW size:3225M(1210inch) to 1608M(0603inch) · T size(Max):2.70mm to 1.00mm
	GRT32ER60J226KE01_	GRT188R60J226ME13_	· LW size:3225M(1210inch) to 1608M(0603inch) · T size(Max):2.70mm to 1.00mm · Capacitance Tolerance:±10% to ±20%
	GRT32ER61A226KE01_	GRT188R61A226ME13_	· LW size:3225M(1210inch) to 1608M(0603inch) · T size(Max):2.70mm to 1.00mm · Capacitance Tolerance:±10% to ±20%
	GCM31MR71H184KA02_	GCM31MR91H224KA37_	· LW size:3225M(1210inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.25mm · Capacitance:0.18uF to 0.22uF
	GCM31MR71H184KA01_	GCM21BR71H224KA01_	· LW size:3225M(1210inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.40mm · Capacitance:0.18uF to 0.22uF
	GCM31MR71H184MA01_	GCM21BR71H224MA37_	· LW size:3225M(1210inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.40mm · Capacitance:0.18uF to 0.22uF
	GCM31MR72A184MA37_	GCM21BC72A105ME36_	· LW size:3225M(1210inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.45mm · Capacitance:0.18uF to 1uF
	GCM31MR72A184KA37_	GCM21BC72A105ME36_	· LW size:3225M(1210inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.45mm · Capacitance:0.18uF to 1uF · Capacitance Tolerance:±10% to ±20%
	GCM31MR72A184JA37_	GCM21BC72A105ME36_	· LW size:3225M(1210inch) to 2012M(0805inch) · T size(Max):1.25mm to 1.45mm · Capacitance:0.18uF to 1uF · Capacitance Tolerance:±5% to ±20%
	GRM32RR71C475KA01_	GRM21BR71C475KE51_	· LW size:3225M(1210inch) to 2012M(0805inch) · T size(Max):2.00mm to 1.40mm
	GRM32RR71C475KC01_	GRM21BR71C475KE51_	· LW size:3225M(1210inch) to 2012M(0805inch) · T size(Max):2.00mm to 1.40mm
	GRM32RR71C475MA01_	GRM21BR71C475ME51_	· LW size:3225M(1210inch) to 2012M(0805inch) · T size(Max):2.00mm to 1.40mm
	GRM32RR71C475MC01_	GRM21BR71C475ME51_	· LW size:3225M(1210inch) to 2012M(0805inch) · T size(Max):2.00mm to 1.40mm
	GRM32RR71E225KA01_	GRM21BR71E225KE11_	· LW size:3225M(1210inch) to 2012M(0805inch) · T size(Max):2.00mm to 1.40mm

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM32RR71E225KA01_	GRM21BR71E225KE11_	・ LW size:3225M(1210inch) to 2012M(0805inch) ・ T size(Max):2.00mm to 1.40mm
	GRM32RR71E225KA22_	GRM21BR71E225KE11_	・ LW size:3225M(1210inch) to 2012M(0805inch) ・ T size(Max):2.00mm to 1.40mm
	GRM32RR71E225KC01_	GRM21BR71E225KE11_	・ LW size:3225M(1210inch) to 2012M(0805inch) ・ T size(Max):2.00mm to 1.40mm
	GRM32RR71E225KC48_	GRM21BR71E225KE11_	・ LW size:3225M(1210inch) to 2012M(0805inch) ・ T size(Max):2.00mm to 1.40mm
	GRM32RR71E225MA01_	GRM21BR71E225ME11_	・ LW size:3225M(1210inch) to 2012M(0805inch) ・ T size(Max):2.00mm to 1.40mm
	GRM32RR71E225MA01_	GRM21BR71E225ME11_	・ LW size:3225M(1210inch) to 2012M(0805inch) ・ T size(Max):2.00mm to 1.40mm
	GRM32RR71E225MC01_	GRM21BR71E225ME11_	・ LW size:3225M(1210inch) to 2012M(0805inch) ・ T size(Max):2.00mm to 1.40mm
	GCM32RR71E824KA01_	GCM21BR71E824KA55_	・ LW size:3225M(1210inch) to 2012M(0805inch) ・ T size(Max):2.00mm to 1.40mm
	GCM32RR71E824MA01_	GCM21BR71E824MA55_	・ LW size:3225M(1210inch) to 2012M(0805inch) ・ T size(Max):2.00mm to 1.40mm
	GRM32RR11C475KA01_	GRM21BR71C475KE51_	・ LW size:3225M(1210inch) to 2012M(0805inch) ・ T size(Max):2.00mm to 1.40mm ・ Temperature characteristics:R to X7R
	GRM32RR11C475KA01_	GRM21BR71C475KE51_	・ LW size:3225M(1210inch) to 2012M(0805inch) ・ T size(Max):2.00mm to 1.40mm ・ Temperature characteristics:R to X7R
	GRM32RR11C475KC01_	GRM21BR71C475KE51_	・ LW size:3225M(1210inch) to 2012M(0805inch) ・ T size(Max):2.00mm to 1.40mm ・ Temperature characteristics:R to X7R
	GRM32RR11C475MA01_	GRM21BR71C475ME51_	・ LW size:3225M(1210inch) to 2012M(0805inch) ・ T size(Max):2.00mm to 1.40mm ・ Temperature characteristics:R to X7R
	GCM32RR11E824KA01_	GCM21BR71E824KA55_	・ LW size:3225M(1210inch) to 2012M(0805inch) ・ T size(Max):2.00mm to 1.40mm ・ Temperature characteristics:R to X7R
	GCM32RR11E824MA01_	GCM21BR71E824MA55_	・ LW size:3225M(1210inch) to 2012M(0805inch) ・ T size(Max):2.00mm to 1.40mm ・ Temperature characteristics:R to X7R
	GCM32DR71H474KA37_	GCM21BR71H474KA55_	・ LW size:3225M(1210inch) to 2012M(0805inch) ・ T size(Max):2.20mm to 1.40mm
	GCM32DR71H474MA37_	GCM21BR71H474MA55_	・ LW size:3225M(1210inch) to 2012M(0805inch) ・ T size(Max):2.20mm to 1.40mm

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRT32DC81E335KE01_	GRT21BC81E335KE13_	· LW size:3225M(1210inch) to 2012M(0805inch) · T size(Max):2.20mm to 1.40mm
	GRT32DR61H335KE01_	GRT21BR61H475KE13_	· LW size:3225M(1210inch) to 2012M(0805inch) · T size(Max):2.20mm to 1.40mm · Capacitance:3.3uF to 4.7uF
	GRT32DR61H335ME01_	GRT21BR61H475KE13_	· LW size:3225M(1210inch) to 2012M(0805inch) · T size(Max):2.20mm to 1.40mm · Capacitance:3.3uF to 4.7uF TOL:±20% to ±10%
	GRM32DB31H335KA87_	GRM21BR61H475KE51_	· LW size:3225M(1210inch) to 2012M(0805inch) · T size(Max):2.20mm to 1.40mm · Temperature characteristics:B to X5R · Capacitance:3.3uF to 4.7uF
	GRM32DB31H335KA87_	GRM21BR61H475KE51_	· LW size:3225M(1210inch) to 2012M(0805inch) · T size(Max):2.20mm to 1.40mm · Temperature characteristics:B to X5R · Capacitance:3.3uF to 4.7uF
	GRM32DB31H335MA87_	GRM21BR61H475ME51_	· LW size:3225M(1210inch) to 2012M(0805inch) · T size(Max):2.20mm to 1.40mm · Temperature characteristics:B to X5R · Capacitance:3.3uF to 4.7uF
	GRM32DB31H335MA87_	GRM21BR61H475ME51_	· LW size:3225M(1210inch) to 2012M(0805inch) · T size(Max):2.20mm to 1.40mm · Temperature characteristics:B to X5R · Capacitance:3.3uF to 4.7uF
	GCM32DR11E335KA01_	GCM21BC71E475KE36_	· LW size:3225M(1210inch) to 2012M(0805inch) · T size(Max):2.20mm to 1.45mm · Temperature characteristics:R to X7S · Capacitance:3.3uF to 4.7uF
	GCM32DR11E335MA01_	GCM21BC71E475ME36_	· LW size:3225M(1210inch) to 2012M(0805inch) · T size(Max):2.20mm to 1.45mm · Temperature characteristics:R to X7S · Capacitance:3.3uF to 4.7uF
	GRT32DC81H335KE01_	GRT21BC71H475KE13_	· LW size:3225M(1210inch) to 2012M(0805inch) · T size(Max):2.20mm to 1.45mm · Temperature characteristics:X6S to X7S · Capacitance:3.3uF to 4.7uF
	GRT32DC81H335ME01_	GRT21BC71H475KE13_	· LW size:3225M(1210inch) to 2012M(0805inch) · T size(Max):2.20mm to 1.45mm · Temperature characteristics:X6S to X7S · Capacitance:3.3uF to 4.7uF TOL:±20% to ±10%
	GCM32DR71E335KA01_	GCM21BC71E475KE36_	· LW size:3225M(1210inch) to 2012M(0805inch) · T size(Max):2.20mm to 1.45mm · Temperature characteristics:X7R to X7S · Capacitance:3.3uF to 4.7uF
	GCM32DR71E335KA17_	GCM21BC71E475KE36_	· LW size:3225M(1210inch) to 2012M(0805inch) · T size(Max):2.20mm to 1.45mm · Temperature characteristics:X7R to X7S · Capacitance:3.3uF to 4.7uF
	GCM32DR71E335KA51_	GCM21BC71E475KE36_	· LW size:3225M(1210inch) to 2012M(0805inch) · T size(Max):2.20mm to 1.45mm · Temperature characteristics:X7R to X7S · Capacitance:3.3uF to 4.7uF
	GCM32DR71E335MA01_	GCM21BC71E475ME36_	· LW size:3225M(1210inch) to 2012M(0805inch) · T size(Max):2.20mm to 1.45mm · Temperature characteristics:X7R to X7S · Capacitance:3.3uF to 4.7uF
	GRM32DR72A155MA35_	GRM21BD72A225ME01_	· LW size:3225M(1210inch) to 2012M(0805inch) · T size(Max):2.20mm to 1.45mm · Temperature characteristics:X7R to X7T · Capacitance:1.5uF to 2.2uF
	GRM32DR72A155KA35_	GRM21BD72A225KE01_	· LW size:3225M(1210inch) to 2012M(0805inch) · T size(Max):2.20mm to 1.45mm · Temperature characteristics:X7R to X7T · Capacitance:1.5uF to 2.2uF

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM32EB11A106KA01_	GRM21BR71A106KA73_	・ LW size:3225M(1210inch) to 2012M(0805inch) ・ T size(Max):2.70mm to 1.40mm ・ Temperature characteristics:B to X7R
	GRM32EB11A106KA01_	GRM21BR71A106KA73_	・ LW size:3225M(1210inch) to 2012M(0805inch) ・ T size(Max):2.70mm to 1.40mm ・ Temperature characteristics:B to X7R
	GRM32EB11A106KC01_	GRM21BR71A106KA73_	・ LW size:3225M(1210inch) to 2012M(0805inch) ・ T size(Max):2.70mm to 1.40mm ・ Temperature characteristics:B to X7R
	GRM32ER61A106KA01_	GRM21BR71A106KA73_	・ LW size:3225M(1210inch) to 2012M(0805inch) ・ T size(Max):2.70mm to 1.40mm ・ Temperature characteristics:X5R to X7R
	GRM32ER61A106KC01_	GRM21BR71A106KA73_	・ LW size:3225M(1210inch) to 2012M(0805inch) ・ T size(Max):2.70mm to 1.40mm ・ Temperature characteristics:X5R to X7R
	GRM31ML81H394KA01_	GCM31ML81H394KA01_	・ Series:GRM→GCM
	GRM32RR61E475KA12_	GRM188R61E475KE11_	・ LW size:3225M(1210inch) to 1608M(0603inch) ・ T size(Max):2.00mm to 0.95mm
	GRM32RR61E475KC31_	GRM188R61E475KE11_	・ LW size:3225M(1210inch) to 1608M(0603inch) ・ T size(Max):2.00mm to 0.95mm
	GRM32RR61E475KC31_	GRM188R61E475KE11_	・ LW size:3225M(1210inch) to 1608M(0603inch) ・ T size(Max):2.00mm to 0.95mm
	GRM32RR61E475MC31_	GRM188R61E475ME11_	・ LW size:3225M(1210inch) to 1608M(0603inch) ・ T size(Max):2.00mm to 0.95mm
	GRM32DR61C226KE18_	GRM319R61C226KE15_	・ LW size:3225M(1210inch) to 3216M(1206inch) ・ T size(Max):2.20mm to 0.95mm
	GRM32DR61C226KE18_	GRM319R61C226KE15_	・ LW size:3225M(1210inch) to 3216M(1206inch) ・ T size(Max):2.20mm to 0.95mm
	GRM32DR61C226ME18_	GRM319R61C226ME15_	・ LW size:3225M(1210inch) to 3216M(1206inch) ・ T size(Max):2.20mm to 0.95mm
	GRM32DB31C226KE18_	GRM319R61C226KE15_	・ LW size:3225M(1210inch) to 3216M(1206inch) ・ T size(Max):2.20mm to 0.95mm ・ Temperature characteristics:B to X5R
	GRM32DB31C226ME18_	GRM319R61C226ME15_	・ LW size:3225M(1210inch) to 3216M(1206inch) ・ T size(Max):2.20mm to 0.95mm ・ Temperature characteristics:B to X5R
	GRM32DB11E475KA61_	GRM188R61E475KE11_	・ LW size:3225M(1210inch) to 1608M(0603inch) ・ T size(Max):2.20mm to 0.95mm ・ Temperature characteristics:B to X5R
	GRM32DB11E475KA61_	GRM188R61E475KE11_	・ LW size:3225M(1210inch) to 1608M(0603inch) ・ T size(Max):2.20mm to 0.95mm ・ Temperature characteristics:B to X5R

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM32DB11E475MA61_	GRM188R61E475ME11_	· LW size:3225M(1210inch) to 1608M(0603inch) · T size(Max):2.20mm to 0.95mm · Temperature characteristics:B to X5R
	GRM32DB11E475MA61_	GRM188R61E475ME11_	· LW size:3225M(1210inch) to 1608M(0603inch) · T size(Max):2.20mm to 0.95mm · Temperature characteristics:B to X5R
	GCM32DR71E475KA14_	GCM31CR71E475KA55_	· LW size:3225M(1210inch) to 3216M(1206inch) · T size(Max):2.20mm to 1.80mm
	GCM32DR71E475KA40_	GCM31CR71E475KA55_	· LW size:3225M(1210inch) to 3216M(1206inch) · T size(Max):2.20mm to 1.80mm
	GCM32DR71E475KA41_	GCM31CR71E475KA55_	· LW size:3225M(1210inch) to 3216M(1206inch) · T size(Max):2.20mm to 1.80mm
	GCM32DR71E475KA55_	GCM31CR71E475KA55_	· LW size:3225M(1210inch) to 3216M(1206inch) · T size(Max):2.20mm to 1.80mm
	GCM32DR71E475MA40_	GCM31CR71E475MA55_	· LW size:3225M(1210inch) to 3216M(1206inch) · T size(Max):2.20mm to 1.80mm
	GCM32DR71E475MA55_	GCM31CR71E475MA55_	· LW size:3225M(1210inch) to 3216M(1206inch) · T size(Max):2.20mm to 1.80mm
	GRT32DR61E335KE01_	GRT31CR61E335KE01_	· LW size:3225M(1210inch) to 3216M(1206inch) · T size(Max):2.20mm to 1.80mm
	GCM32DR71H335JA55_	GCM31CC71H475KA03_	· LW size:3225M(1210inch) to 3216M(1206inch) · T size(Max):2.20mm to 1.80mm TC.:X7R to X7S · Capacitance:3.3uF to 4.7uF · Capacitance Tolerance:±5% to ±10%
	GRT32DR61E335ME01_	GRT31CR61E335KE01_	· LW size:3225M(1210inch) to 3216M(1206inch) · T size(Max):2.20mm to 1.80mm · Capacitance Tolerance:±20% to ±10%
	GCM32DR71E475JA55_	GCM31CR71E475KA55_	· LW size:3225M(1210inch) to 3216M(1206inch) · T size(Max):2.20mm to 1.80mm · Capacitance Tolerance:±5% to ±10%
	GRM32DR71H335KA36_	GRM31CR71H475KA12_	· LW size:3225M(1210inch) to 3216M(1206inch) · T size(Max):2.20mm to 1.80mm · Capacitance:3.3uF to 4.7uF
	GRM32DR71H335KA88_	GRM31CR71H475KA12_	· LW size:3225M(1210inch) to 3216M(1206inch) · T size(Max):2.20mm to 1.80mm · Capacitance:3.3uF to 4.7uF
	GRM32DR71H335KA88_	GRM31CR71H475KA12_	· LW size:3225M(1210inch) to 3216M(1206inch) · T size(Max):2.20mm to 1.80mm · Capacitance:3.3uF to 4.7uF
	GRM32DR71H335KA88_	GRM31CR71H475KA12_	· LW size:3225M(1210inch) to 3216M(1206inch) · T size(Max):2.20mm to 1.80mm · Capacitance:3.3uF to 4.7uF
	GRM32DR71H335KA88_	GRM31CR71H475KA12_	· LW size:3225M(1210inch) to 3216M(1206inch) · T size(Max):2.20mm to 1.80mm · Capacitance:3.3uF to 4.7uF

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM32DR71H335MA88_	GRM31CR71H475MA12_	· LW size:3225M(1210inch) to 3216M(1206inch) · T size(Max):2.20mm to 1.80mm · Capacitance:3.3uF to 4.7uF
	GRM32DR60J336ME19_	GRM31CR60J476ME19_	· LW size:3225M(1210inch) to 3216M(1206inch) · T size(Max):2.20mm to 1.80mm · Capacitance:33uF to 47uF
	GRM32DR71E475KA61_	GRM21BC71E475KE11_	· LW size:3225M(1210inch) to 2012M(0805inch) · T size(Max):2.20mm to 1.45mm · Temperature Characteristics:X7R to X7S · Capacitance:3.3uF to 4.7uF
	GRM32DR71E475MA61_	GRM21BC71E475ME11_	· LW size:3225M(1210inch) to 2012M(0805inch) · T size(Max):2.20mm to 1.45mm · Temperature Characteristics:X7R to X7S · Capacitance:3.3uF to 4.7uF
	GRM32DR71E335KA01_	GRM21BC71E475KE11_	· LW size:3225M(1210inch) to 2012M(0805inch) · T size(Max):2.20mm to 1.45mm · Temperature Characteristics:X7R to X7S · Capacitance:3.3uF to 4.7uF
	GRM32DR71E335MA01_	GRM21BC71E475ME11_	· LW size:3225M(1210inch) to 2012M(0805inch) · T size(Max):2.20mm to 1.45mm · Temperature Characteristics:X7R to X7S · Capacitance:3.3uF to 4.7uF
	GRM32DB30J336ME18_	GRM31CR60J476ME19_	· LW size:3225M(1210inch) to 3216M(1206inch) · T size(Max):2.20mm to 1.80mm · Temperature characteristics:B to X5R · Capacitance:33uF to 47uF
	GRM32DB10J226KA01_	GRM31CR70J226KE19_	· LW size:3225M(1210inch) to 3216M(1206inch) · T size(Max):2.20mm to 1.80mm · Temperature characteristics:B to X7R
	GRM32DB10J226KA01_	GRM31CR70J226KE19_	· LW size:3225M(1210inch) to 3216M(1206inch) · T size(Max):2.20mm to 1.80mm · Temperature characteristics:B to X7R
	GRM32DB10J226MA01_	GRM31CR70J226ME19_	· LW size:3225M(1210inch) to 3216M(1206inch) · T size(Max):2.20mm to 1.80mm · Temperature characteristics:B to X7R
	GRM32DB10J226MA01_	GRM31CR70J226ME19_	· LW size:3225M(1210inch) to 3216M(1206inch) · T size(Max):2.20mm to 1.80mm · Temperature characteristics:B to X7R
	GRM32DB31A226KE18_	GRM31CR71A226KE15_	· LW size:3225M(1210inch) to 3216M(1206inch) · T size(Max):2.20mm to 1.80mm · Temperature characteristics:B to X7R
	GCM32DR11E475KA40_	GCM31CR71E475KA55_	· LW size:3225M(1210inch) to 3216M(1206inch) · T size(Max):2.20mm to 1.80mm · Temperature characteristics:R to X7R
	GCM32DR11E475MA40_	GCM31CR71E475MA55_	· LW size:3225M(1210inch) to 3216M(1206inch) · T size(Max):2.20mm to 1.80mm · Temperature characteristics:R to X7R
	GRM32DR11E475KA61_	GRM188R61E475KE11_	· LW size:3225M(1210inch) to 1608M(0603inch) · T size(Max):2.20mm to 0.95mm · Temperature characteristics:R to X5R
	GRM32DR11E475KA61_	GRM188R61E475KE11_	· LW size:3225M(1210inch) to 1608M(0603inch) · T size(Max):2.20mm to 0.95mm · Temperature characteristics:R to X5R
	GRM32DR11E475MA61_	GRM188R61E475ME11_	· LW size:3225M(1210inch) to 1608M(0603inch) · T size(Max):2.20mm to 0.95mm · Temperature characteristics:R to X5R

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRM32DR11E335KA01_	GRM188R61E475KE11_	· LW size:3225M(1210inch) to 1608M(0603inch) · T size(Max):2.20mm to 0.95mm · Temperature characteristics:R to X5R · Capacitance:3.3uF to 4.7uF
	GRM32DR11E335KA01_	GRM188R61E475KE11_	· LW size:3225M(1210inch) to 1608M(0603inch) · T size(Max):2.20mm to 0.95mm · Temperature characteristics:R to X5R · Capacitance:3.3uF to 4.7uF
	GRM32DR11E335MA01_	GRM188R61E475ME11_	· LW size:3225M(1210inch) to 1608M(0603inch) · T size(Max):2.20mm to 0.95mm · Temperature characteristics:R to X5R · Capacitance:3.3uF to 4.7uF
	GRM32D1X1E474JA01_	GRM31C5C1E474JE01_	· LW size:3225M(1210inch) to 3216M(1206inch) · T size(Max):2.20mm to 1.80mm · Temperature characteristics:SL to C0G
	GRM32D7U1E474JA01_	GRM31C5C1E474JE01_	· LW size:3225M(1210inch) to 3216M(1206inch) · T size(Max):2.20mm to 1.80mm · Temperature characteristics:U2J to C0G
	GRM32D3U1E474JA01_	GRM31C5C1E474JE01_	· LW size:3225M(1210inch) to 3216M(1206inch) · T size(Max):2.20mm to 1.80mm · Temperature characteristics:UJ to C0G
	GRT32DR60J336ME01_	GRT31CC80J476KE13_	· LW size:3225M(1210inch) to 3216M(1206inch) · T size(Max):2.20mm to 1.80mm · Temperature characteristics:X5R to X6S · Capacitance:33uF to 47uF TOL:±20% to ±10%
	GXT32DR60J336ME01_	GXT31CC80J476KE13_	· LW size:3225M(1210inch) to 3216M(1206inch) · T size(Max):2.20mm to 1.80mm · Temperature characteristics:X5R to X6S · Capacitance:33uF to 47uF TOL:±20% to ±10%
	GRM32DR60J226KA01_	GRM31CR70J226KE19_	· LW size:3225M(1210inch) to 3216M(1206inch) · T size(Max):2.20mm to 1.80mm · Temperature characteristics:X5R to X7R
	GRM32DR60J226KA36_	GRM31CR70J226KE19_	· LW size:3225M(1210inch) to 3216M(1206inch) · T size(Max):2.20mm to 1.80mm · Temperature characteristics:X5R to X7R
	GRM32DR60J226MA01_	GRM31CR70J226ME19_	· LW size:3225M(1210inch) to 3216M(1206inch) · T size(Max):2.20mm to 1.80mm · Temperature characteristics:X5R to X7R
	GRM32DR61A226KE18_	GRM31CR71A226KE15_	· LW size:3225M(1210inch) to 3216M(1206inch) · T size(Max):2.20mm to 1.80mm · Temperature characteristics:X5R to X7R
	GRM32DR61A226ME18_	GRM31CR71A226ME15_	· LW size:3225M(1210inch) to 3216M(1206inch) · T size(Max):2.20mm to 1.80mm · Temperature characteristics:X5R to X7R
	GRT32DC81E335ME01_	GRT31CR61E335KE01_	· LW size:3225M(1210inch) to 3216M(1206inch) · T size(Max):2.20mm to 1.80mm · Temperature characteristics:X6S to X5R · Capacitance Tolerance:±20% to ±10%
	GCM32DR71H335KA40_	GCM31CC71H475KA49_	· LW size:3225M(1210inch) to 3216M(1206inch) · T size(Max):2.20mm to 1.80mm · Temperature characteristics:X7R to X7S · Capacitance:3.3uF to 4.7uF
	GCM32DR71H335KA51_	GCM31CC71H475KA03_	· LW size:3225M(1210inch) to 3216M(1206inch) · T size(Max):2.20mm to 1.80mm · Temperature characteristics:X7R to X7S · Capacitance:3.3uF to 4.7uF
	GCM32DR71H335KA55_	GCM31CC71H475KA03_	· LW size:3225M(1210inch) to 3216M(1206inch) · T size(Max):2.20mm to 1.80mm · Temperature characteristics:X7R to X7S · Capacitance:3.3uF to 4.7uF

	Current Murata PN	Alternative Murata PN	相違点/difference
	GCM32DR71H335KA55_	GCM31CC71H475KA03_	・ LW size:3225M(1210inch) to 3216M(1206inch) ・ T size(Max):2.20mm to 1.80mm ・ Temperature characteristics:X7R to X7S ・ Capacitance:3.3uF to 4.7uF
	GCM32DR71H335MA40_	GCM31CC71H475KA49_	・ LW size:3225M(1210inch) to 3216M(1206inch) ・ T size(Max):2.20mm to 1.80mm ・ Temperature characteristics:X7R to X7S ・ Capacitance:3.3uF to 4.7uF
	GCM32DR71H335MA55_	GCM31CC71H475KA03_	・ LW size:3225M(1210inch) to 3216M(1206inch) ・ T size(Max):2.20mm to 1.80mm ・ Temperature characteristics:X7R to X7S ・ Capacitance:3.3uF to 4.7uF
	GRT32DR61C226ME01_	GRT31CC71C226ME13_	・ LW size:3225M(1210inch) to 3216M(1206inch) ・ T size(Max):2.20mm to 1.90mm ・ Temperature characteristics:X5R to X7S
	GRT32DR61C226KE01_	GRT31CC71C226ME13_	・ LW size:3225M(1210inch) to 3216M(1206inch) ・ T size(Max):2.20mm to 1.90mm ・ Temperature characteristics:X5R to X7S ・ Capacitance Tolerance:±10% to ±20%
	GCG32DR71E335JA01_	GCG31CR71E335JA01_	・ LW size:3225M(1210inch) to 3216M(1206inch) ・ T size(Max):2.3mm to 1.90mm
	GCG32DR71E335KA15_	GCG31CR71E335KA01_	・ LW size:3225M(1210inch) to 3216M(1206inch) ・ T size(Max):2.3mm to 1.90mm
	GCG32DR71E475KA15_	GCG31CR71E475KA01_	・ LW size:3225M(1210inch) to 3216M(1206inch) ・ T size(Max):2.3mm to 1.90mm
	GRM32EB10J226KA14_	GRM31CR70J226KE19_	・ LW size:3225M(1210inch) to 3216M(1206inch) ・ T size(Max):2.70mm to 1.80mm ・ Temperature characteristics:B to X7R
	ZRA21MD71A475KE11_	#N/A	
	ZRA21MD71A475ME11_	#N/A	
	GRM32EB10J226MA14_	GRM31CR70J226ME19_	・ LW size:3225M(1210inch) to 3216M(1206inch) ・ T size(Max):2.70mm to 1.80mm ・ Temperature characteristics:B to X7R
	GRM32EB31A226KA76_	GRM31CR71A226KE15_	・ LW size:3225M(1210inch) to 3216M(1206inch) ・ T size(Max):2.70mm to 1.80mm ・ Temperature characteristics:B to X7R
	GRM32EB31A226KA76_	GRM31CR71A226KE15_	・ LW size:3225M(1210inch) to 3216M(1206inch) ・ T size(Max):2.70mm to 1.80mm ・ Temperature characteristics:B to X7R
	GRM32EB31A226MA76_	GRM31CR71A226ME15_	・ LW size:3225M(1210inch) to 3216M(1206inch) ・ T size(Max):2.70mm to 1.80mm ・ Temperature characteristics:B to X7R
	ZRA21MB31A226ME11_	#N/A	
	GRM32EB31A226MA76_	GRM31CR71A226ME15_	・ LW size:3225M(1210inch) to 3216M(1206inch) ・ T size(Max):2.70mm to 1.80mm ・ Temperature characteristics:B to X7R

	Current Murata PN	Alternative Murata PN	相違点/difference
	ZRA21MR61A226ME11_	#N/A	
	GRM32ER60J226KA14_	GRM31CR70J226KE19_	· LW size:3225M(1210inch) to 3216M(1206inch) · T size(Max):2.70mm to 1.80mm · Temperature characteristics:X5R to X7R
	GRM32ER60J226MA14_	GRM31CR70J226ME19_	· LW size:3225M(1210inch) to 3216M(1206inch) · T size(Max):2.70mm to 1.80mm · Temperature characteristics:X5R to X7R
	GRM32ER60J226MA33_	GRM31CR70J226ME19_	· LW size:3225M(1210inch) to 3216M(1206inch) · T size(Max):2.70mm to 1.80mm · Temperature characteristics:X5R to X7R
	GRM32ER60J226MA53_	GRM31CR70J226ME19_	· LW size:3225M(1210inch) to 3216M(1206inch) · T size(Max):2.70mm to 1.80mm · Temperature characteristics:X5R to X7R
	GRM32ER61A226KA65_	GRM31CR71A226KE15_	· LW size:3225M(1210inch) to 3216M(1206inch) · T size(Max):2.70mm to 1.80mm · Temperature characteristics:X5R to X7R
	GRM32ER61A226MA65_	GRM31CR71A226ME15_	· LW size:3225M(1210inch) to 3216M(1206inch) · T size(Max):2.70mm to 1.80mm · Temperature characteristics:X5R to X7R
	GRM32ER61C106KA12_	GRM21BR61C106KE15_	· LW size:3225M(1210inch) to 2012M(0805inch) · T size(Max):2.70mm to 1.35mm
	GRM32ER61C106KC27_	GRM21BR61C106KE15_	· LW size:3225M(1210inch) to 2012M(0805inch) · T size(Max):2.70mm to 1.35mm
	GRM32ER61C106KC31_	GRM21BR61C106KE15_	· LW size:3225M(1210inch) to 2012M(0805inch) · T size(Max):2.70mm to 1.35mm
	GRM32ER61C106KC31_	GRM21BR61C106KE15_	· LW size:3225M(1210inch) to 2012M(0805inch) · T size(Max):2.70mm to 1.35mm
	GRM32ER61C106KC31_	GRM21BR61C106KE15_	· LW size:3225M(1210inch) to 2012M(0805inch) · T size(Max):2.70mm to 1.35mm
	GRM32ER61C106MA12_	GRM21BR61C106ME15_	· LW size:3225M(1210inch) to 2012M(0805inch) · T size(Max):2.70mm to 1.35mm
	GRM32ER61C106MC31_	GRM188R61C106MA73_	· LW size:3225M(1210inch) to 1608M(0603inch) · T size(Max):2.70mm to 1.00mm
	GRT32ER61E226KE11_	GRT31CC71E226ME13_	· LW size:3225M(1210inch) to 3216M(1206inch) · T size(Max):2.70mm to 1.80mm · Temperature characteristics:X5R to X7S · Capacitance Tolerance:±10% to ±20%
	GRJ31CR71E106KE11_	G CJ21BC71E106KE02_	· Series:GRJ to GCJ · LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.90mm to 1.50mm · Temperature characteristics:X7R to X7S
	GRJ31CR71E106ME11_	G CJ21BC71E106KE02_	· Series:GRJ to GCJ · LW size:3216M(1206inch) to 2012M(0805inch) · T size(Max):1.90mm to 1.50mm · Temperature characteristics:X7R to X7S · Capacitance Tolerance:±20% to ±10%

	Current Murata PN	Alternative Murata PN	相違点/difference
	GRJ319R72A104KE11_	GCJ21BR72A104KA01_	- Series:GRJ to GCJ - LW size:3216M(1206inch) to 2012M(0805inch) - T size(Max):0.95mm to 1.45mm
	GRJ319R72A104ME11_	GCJ21BR72A104MA01_	- Series:GRJ to GCJ - LW size:3216M(1206inch) to 2012M(0805inch) - T size(Max):0.95mm to 1.45mm
	GRJ319R71H104KE11_	GCJ21BR72A104KA01_	- Series:GRJ to GCJ - LW size:3216M(1206inch) to 2012M(0805inch) - T size(Max):0.95mm to 1.45mm - Rated Voltage:50V to 100V
	GRJ319R71H104ME11_	GCJ21BR72A104MA01_	- Series:GRJ to GCJ - LW size:3216M(1206inch) to 2012M(0805inch) - T size(Max):0.95mm to 1.45mm - Rated Voltage:50V to 100V
	GRJ31MR71H104KE01_	GCJ21BR72A104KA01_	- Series:GRJ to GCJ - LW size:3216M(1206inch) to 2012M(0805inch) - T size(Max):1.25mm to 1.45mm - Rated Voltage:50V to 100V
	GRJ31MR71H104ME01_	GCJ21BR72A104MA01_	- Series:GRJ to GCJ - LW size:3216M(1206inch) to 2012M(0805inch) - T size(Max):1.25mm to 1.45mm - Rated Voltage:50V to 100V
	GRJ31MR71H474ME01_	GCJ21BR71H474MA12_	- Series:GRJ to GCJ - LW size:3216M(1206inch) to 2012M(0805inch) - T size(Max):1.35mm to 1.40mm
	GRJ31MR71H224KE01_	GCJ21BR71H224KA01_	- Series:GRJ to GCJ - LW size:3216M(1206inch) to 2012M(0805inch) - T size(Max):1.35mm to 1.45mm
	GRJ31MR71H224ME01_	GCJ21BR71H224MA01_	- Series:GRJ to GCJ - LW size:3216M(1206inch) to 2012M(0805inch) - T size(Max):1.35mm to 1.45mm
	GRJ31CR71C106KE11_	GCJ21BC71E106KE02_	- Series:GRJ to GCJ - LW size:3216M(1206inch) to 2012M(0805inch) - T size(Max):1.90mm to 1.50mm - Temperature characteristics:X7R to X7S - Rated Voltage:16V to 25V
	GRJ31CR71C106ME11_	GCJ21BC71E106KE02_	- Series:GRJ to GCJ - LW size:3216M(1206inch) to 2012M(0805inch) - T size(Max):1.90mm to 1.50mm - Temperature characteristics:X7R to X7S - Rated Voltage:16V to 25V
	GRM31ML81H104KA01_	GCM188L81H104KA57_	- Series:GRM to GCM - LW size:3216M(1206inch) to 1608M(0603inch) - T size(Max):1.25mm to 0.90mm
	GRM31ML81H104MA01_	GCM188L81H104MA57_	- Series:GRM to GCM - LW size:3216M(1206inch) to 1608M(0603inch) - T size(Max):1.25mm to 0.90mm
	GRM31ML81H124KA01_	GCM21BL81H124KA37_	- Series:GRM to GCM - LW size:3216M(1206inch) to 2012M(0805inch) - T size(Max):1.25mm to 1.40mm
	GRM31ML81H184KA01_	GCM21BL81H224KA01_	- Series:GRM to GCM - LW size:3216M(1206inch) to 2012M(0805inch) - T size(Max):1.25mm to 1.40mm - Capacitance:0.18uF to 0.22uF
	GRM31ML81H274KA01_	GCM21BL81H334KA42_	- Series:GRM→GCM - LW size:3216M(1206inch) to 2012M(0805inch) - T size(Max):1.25mm to 1.40mm - Capacitance:0.27uF to 0.33uF
	GCM219R11A474JA01_	GCM155C71A474KE36_	- LW size:2012M(0805inch) to 1005M(0402inch) - T size(Max):0.95mm to 0.60mm - Temperature characteristics:R to X7S - Capacitance Tolerance:±5% to ±10%

	Current Murata PN	Alternative Murata PN	相違点/difference
	GCM219R11A474KA01_	GCM155C71A474KE36_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.60mm · Temperature characteristics:R to X7S
	GCM219R11A474MA01_	GCM155C71A474ME36_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.60mm · Temperature characteristics:R to X7S
	GCM219R11A564JA01_	GCM155C71A105KE38_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.70mm · Temperature characteristics:R to X7S · Capacitance:0.56uF to 1.0uF · Capacitance Tolerance:±5% to ±10%
	GCM219R11A564KA01_	GCM155C71A105KE38_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.70mm · Temperature characteristics:R to X7S · Capacitance:0.56uF to 1.0uF
	GCM219R11A564MA01_	GCM155C71A105ME38_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.70mm · Temperature characteristics:R to X7S · Capacitance:0.56uF to 1.0uF
	GCM219R11A684JA01_	GCM155C71A105KE38_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.70mm · Temperature characteristics:R to X7S · Capacitance:0.68uF to 1.0uF · Capacitance Tolerance:±5% to ±10%
	GCM219R11A684KA01_	GCM155C71A105KE38_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.70mm · Temperature characteristics:R to X7S · Capacitance:0.68uF to 1.0uF
	GCM219R11A684MA01_	GCM155C71A105ME38_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.70mm · Temperature characteristics:R to X7S · Capacitance:0.68uF to 1.0uF
	GCM219R11C204JA01_	GCM155R71C224KE02_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R · Capacitance:0.20uF to 0.22uF · Capacitance Tolerance:±5% to ±10%
	GCM219R11C204KA01_	GCM155R71C224KE02_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R · Capacitance:0.20uF to 0.22uF
	GCM219R11C204MA01_	GCM155R71C224ME01_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R · Capacitance:0.20uF to 0.22uF
	GCM219R11C224JA01_	GCM155R71C224KE02_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R · Capacitance Tolerance:±5% to ±10%
	GCM219R11C224KA01_	GCM155R71C224KE02_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R
	GCM219R11C224KA01_	GCM155R71C224KE02_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R
	GCM219R11C224MA01_	GCM155R71C224ME01_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Temperature characteristics:R to X7R
	GCM219R11C244JA01_	GCM188R71C274KA37_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Temperature characteristics:R to X7R · Capacitance:0.24uF to 0.27uF · Capacitance Tolerance:±5% to ±10%
	GCM219R11C244KA01_	GCM188R71C274KA37_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Temperature characteristics:R to X7R · Capacitance:0.24uF to 0.27uF

	Current Murata PN	Alternative Murata PN	相違点/difference
	GCM219R11C244MA01_	GCM188R71C274MA37_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm ・ Temperature characteristics:R to X7R ・ Capacitance:0.24uF to 0.27uF
	GCM219R11C274JA01_	GCM188R71C274KA37_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm ・ Temperature characteristics:R to X7R ・ Capacitance Tolerance:±5% to ±10%
	GCM219R11C274KA01_	GCM188R71C274KA37_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm ・ Temperature characteristics:R to X7R
	GCM219R11C274MA01_	GCM188R71C274MA37_	・ LW size:2012M(0805inch) to 1608M(0603inch) ・ T size(Max):0.95mm to 0.90mm ・ Temperature characteristics:R to X7R
	GCM219R71A474JA01_	GCM155C71A474KE36_	・ LW size:2012M(0805inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.60mm ・ Temperature characteristics:X7R to X7S ・ Capacitance Tolerance:±5% to ±10%
	GCM219R71A474KA01_	GCM155C71A474KE36_	・ LW size:2012M(0805inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.60mm ・ Temperature characteristics:X7R to X7S
	GCM219R71A474MA01_	GCM155C71A474ME36_	・ LW size:2012M(0805inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.60mm ・ Temperature characteristics:X7R to X7S
	GCM219R71A564JA01_	GCM155C71A105KE38_	・ LW size:2012M(0805inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.70mm ・ Temperature characteristics:X7R to X7S ・ Capacitance:0.56uF to 1.0uF ・ Capacitance Tolerance:±5% to ±10%
	GCM219R71A564KA01_	GCM155C71A105KE38_	・ LW size:2012M(0805inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.70mm ・ Temperature characteristics:X7R to X7S ・ Capacitance:0.56uF to 1.0uF
	GCM219R71A564MA01_	GCM155C71A105ME38_	・ LW size:2012M(0805inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.70mm ・ Temperature characteristics:X7R to X7S ・ Capacitance:0.56uF to 1.0uF
	GCM219R71A684JA01_	GCM155C71A105KE38_	・ LW size:2012M(0805inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.70mm ・ Temperature characteristics:X7R to X7S ・ Capacitance:0.68uF to 1.0uF ・ Capacitance Tolerance:±5% to ±10%
	GCM219R71A684KA01_	GCM155C71A105KE38_	・ LW size:2012M(0805inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.70mm ・ Temperature characteristics:X7R to X7S ・ Capacitance:0.68uF to 1.0uF
	GCM219R71A684MA01_	GCM155C71A105ME38_	・ LW size:2012M(0805inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.70mm ・ Temperature characteristics:X7R to X7S ・ Capacitance:0.68uF to 1.0uF
	GCM219R71C204JA01_	GCM155R71C224KE02_	・ LW size:2012M(0805inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Capacitance:0.20uF to 0.22uF ・ Capacitance Tolerance:±5% to ±10%
	GCM219R71C204JA37_	GCM155R71C224KE02_	・ LW size:2012M(0805inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Capacitance:0.20uF to 0.22uF ・ Capacitance Tolerance:±5% to ±10%
	GCM219R71C204KA01_	GCM155R71C224KE02_	・ LW size:2012M(0805inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Capacitance:0.20uF to 0.22uF
	GCM219R71C204KA37_	GCM155R71C224KE02_	・ LW size:2012M(0805inch) to 1005M(0402inch) ・ T size(Max):0.95mm to 0.55mm ・ Capacitance:0.20uF to 0.22uF

	Current Murata PN	Alternative Murata PN	相違点/difference
	GCM219R71C204MA01_	GCM155R71C224ME01_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance:0.20uF to 0.22uF
	GCM219R71C204MA37_	GCM155R71C224ME01_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance:0.20uF to 0.22uF
	GCM219R71C224JA01_	GCM155R71C224KE02_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance Tolerance:±5% to ±10%
	GCM219R71C224JA37_	GCM155R71C224KE02_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm · Capacitance Tolerance:±5% to ±10%
	GCM219R71C224KA01_	GCM155R71C224KE02_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm
	GCM219R71C224KA02_	GCM155R71C224KE02_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm
	GCM219R71C224KA37_	GCM155R71C224KE02_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm
	GCM219R71C224KA51_	GCM155R71C224KE02_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm
	GCM219R71C224MA01_	GCM155R71C224ME01_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm
	GCM219R71C224MA37_	GCM155R71C224ME01_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):0.95mm to 0.55mm
	GCM219R71C244JA01_	GCM188R71C274KA37_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Capacitance:0.24uF to 0.27uF · Capacitance Tolerance:±5% to ±10%
	GCM219R71C244JA37_	GCM188R71C274KA37_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Capacitance:0.24uF to 0.27uF · Capacitance Tolerance:±5% to ±10%
	GCM219R71C244KA01_	GCM188R71C274KA37_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Capacitance:0.24uF to 0.27uF
	GCM219R71C244MA01_	GCM188R71C274MA37_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Capacitance:0.24uF to 0.27uF
	GCM219R71C274JA01_	GCM188R71C274KA37_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Capacitance:0.24uF to 0.27uF · Capacitance Tolerance:±5% to ±10%
	GCM219R71C274JA37_	GCM188R71C274KA37_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm · Capacitance:0.24uF to 0.27uF · Capacitance Tolerance:±5% to ±10%
	GCM219R71C274KA01_	GCM188R71C274KA37_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm

	Current Murata PN	Alternative Murata PN	相違点/difference
	GCM219R71C274KA37_	GCM188R71C274KA37_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm
	GCM219R71C274MA01_	GCM188R71C274MA37_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm
	GCM219R71C274MA37_	GCM188R71C274MA37_	· LW size:2012M(0805inch) to 1608M(0603inch) · T size(Max):0.95mm to 0.90mm
	GCM21BR11A824JA01_	GCM155C71A105KE38_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):1.35mm to 0.70mm · Temperature characteristics:R to X7S · Capacitance:0.82uF to 1.0uF · Capacitance Tolerance:±5% to ±10%
	GCM21BR11A824KA01_	GCM155C71A105KE38_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):1.35mm to 0.70mm · Temperature characteristics:R to X7S · Capacitance:0.82uF to 1.0uF
	GCM21BR11A824MA01_	GCM155C71A105ME38_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):1.35mm to 0.70mm · Temperature characteristics:R to X7S · Capacitance:0.82uF to 1.0uF
	GCM21BR71A824JA01_	GCM155C71A105KE38_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):1.35mm to 0.70mm · Temperature characteristics:X7R to X7S · Capacitance:0.82uF to 1.0uF · Capacitance Tolerance:±5% to ±10%
	GCM21BR71A824KA01_	GCM155C71A105KE38_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):1.35mm to 0.70mm · Temperature characteristics:X7R to X7S · Capacitance:0.82uF to 1.0uF
	GCM21BR71A824MA01_	GCM155C71A105ME38_	· LW size:2012M(0805inch) to 1005M(0402inch) · T size(Max):1.35mm to 0.70mm · Temperature characteristics:X7R to X7S · Capacitance:0.82uF to 1.0uF