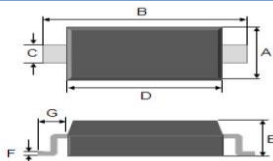
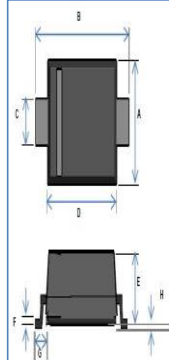
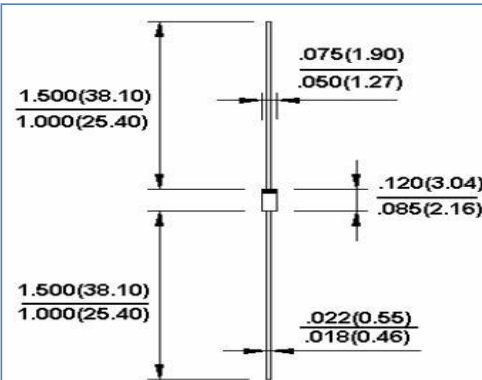
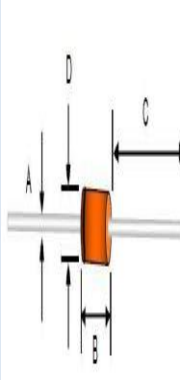
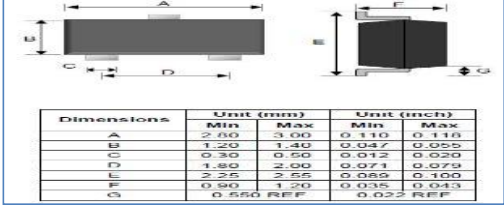
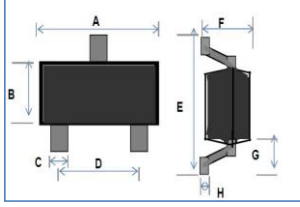
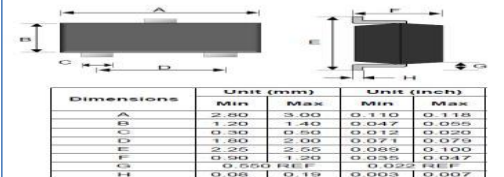
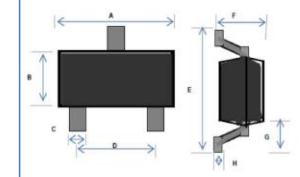
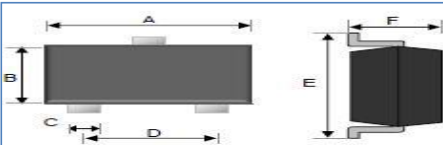
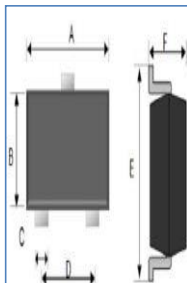
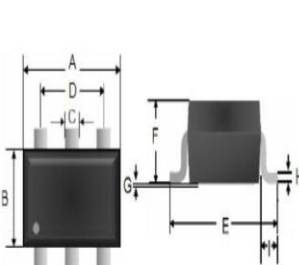
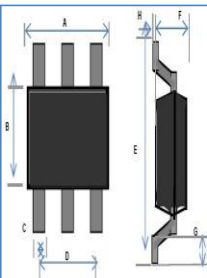
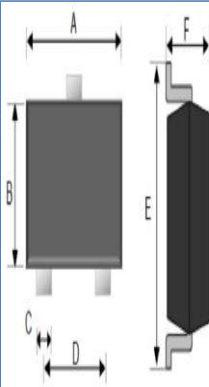
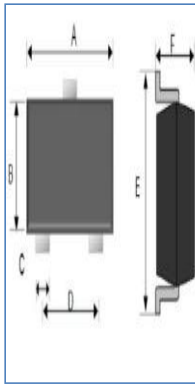
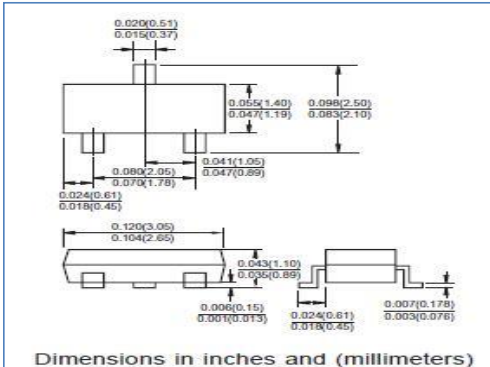
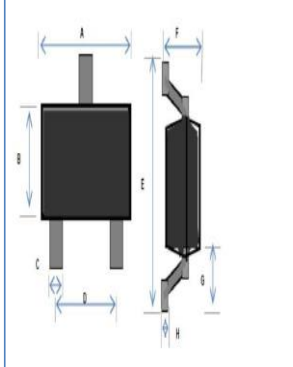
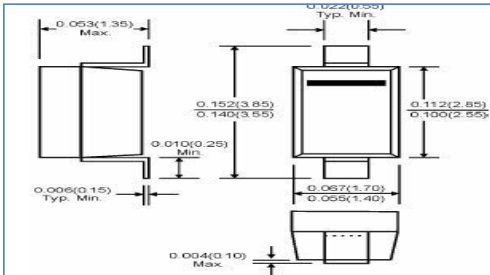
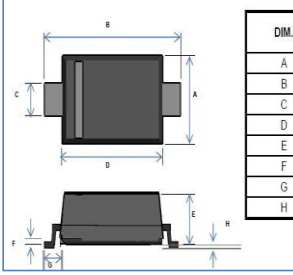


文件名稱	變更理由 Reason for Change	變更前規格 Before SPEC	變更後規格 After SPEC																																																																																													
RB751V-40	1. IO @ TL=@ 25C 2. dimension Change	1.Typ. Cj=2pF @VR=0V f=1.0MHz 2.Dimension/A/B/C/E/F/H <table><thead><tr><th rowspan="2">Dimensions</th><th colspan="2">Unit (mm)</th><th colspan="2">Unit (inch)</th></tr><tr><th>Min</th><th>Max</th><th>Min</th><th>Max</th></tr></thead><tbody><tr><td>A</td><td>1.20</td><td>1.40</td><td>0.047</td><td>0.055</td></tr><tr><td>B</td><td>2.50</td><td>2.80</td><td>0.098</td><td>0.106</td></tr><tr><td>C</td><td>0.25</td><td>0.35</td><td>0.010</td><td>0.014</td></tr><tr><td>D</td><td>1.60</td><td>1.80</td><td>0.063</td><td>0.071</td></tr><tr><td>E</td><td>0.80</td><td>0.90</td><td>0.031</td><td>0.035</td></tr><tr><td>F</td><td>0.08</td><td>0.15</td><td>0.003</td><td>0.006</td></tr><tr><td>G</td><td>0.475 REF</td><td></td><td>0.19 REF</td><td></td></tr></tbody></table>	Dimensions	Unit (mm)		Unit (inch)		Min	Max	Min	Max	A	1.20	1.40	0.047	0.055	B	2.50	2.80	0.098	0.106	C	0.25	0.35	0.010	0.014	D	1.60	1.80	0.063	0.071	E	0.80	0.90	0.031	0.035	F	0.08	0.15	0.003	0.006	G	0.475 REF		0.19 REF		1.Typ.Cj=2pF @VR=0V f=1.0MHz 2.Dimension/A/B/C/E/F/H <table><thead><tr><th rowspan="2">DIM.</th><th colspan="2">Unit(mm)</th><th colspan="2">Unit(inch)</th></tr><tr><th>Min</th><th>Max</th><th>Min</th><th>Max</th></tr></thead><tbody><tr><td>A</td><td>1.150</td><td>1.400</td><td>0.045</td><td>0.055</td></tr><tr><td>B</td><td>2.300</td><td>2.700</td><td>0.091</td><td>0.106</td></tr><tr><td>C</td><td>0.250</td><td>0.450</td><td>0.010</td><td>0.018</td></tr><tr><td>D</td><td>1.600</td><td>1.800</td><td>0.063</td><td>0.071</td></tr><tr><td>E</td><td>0.800</td><td>1.000</td><td>0.031</td><td>0.039</td></tr><tr><td>F</td><td>0.050</td><td>0.177</td><td>0.002</td><td>0.007</td></tr><tr><td>G</td><td>0.475 REF</td><td></td><td>0.019 REF</td><td></td></tr><tr><td>H</td><td>-</td><td>0.100</td><td>-</td><td>0.004</td></tr></tbody></table>	DIM.	Unit(mm)		Unit(inch)		Min	Max	Min	Max	A	1.150	1.400	0.045	0.055	B	2.300	2.700	0.091	0.106	C	0.250	0.450	0.010	0.018	D	1.600	1.800	0.063	0.071	E	0.800	1.000	0.031	0.039	F	0.050	0.177	0.002	0.007	G	0.475 REF		0.019 REF		H	-	0.100	-	0.004
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BC817-16/-25/-40	1. dimension Change(Dim.: A~F & H) 2、electrical parameters modify to fit vendor's ability	1. Max RthJA=388 ° C/W 2. BC817-25 hFE>40 @Vce=1V Ic=100mA 3. BC817-40 hFE=40-600 @Vce=1V Ic=100mA 4. Typ.Cj=10pF @Vr=0V f=1.0MHZ 5. Min. hFE=40 @ Vce=1V Ic=100mA 6. Dimension/A~F/H <table><thead><tr><th rowspan="2">Dimensions</th><th colspan="2">Unit (mm)</th><th colspan="2">Unit (inch)</th></tr><tr><th>Min</th><th>Max</th><th>Min</th><th>Max</th></tr></thead><tbody><tr><td>A</td><td>2.50</td><td>3.00</td><td>0.110</td><td>0.118</td></tr><tr><td>B</td><td>1.20</td><td>1.40</td><td>0.047</td><td>0.055</td></tr><tr><td>C</td><td>0.30</td><td>0.50</td><td>0.012</td><td>0.020</td></tr><tr><td>D</td><td>1.80</td><td>2.00</td><td>0.071</td><td>0.079</td></tr><tr><td>E</td><td>2.25</td><td>2.55</td><td>0.089</td><td>0.100</td></tr><tr><td>F</td><td>0.50</td><td>1.20</td><td>0.035</td><td>0.047</td></tr><tr><td>G</td><td>0.550 REF</td><td></td><td>0.022 REF</td><td></td></tr><tr><td>H</td><td>0.08</td><td>0.19</td><td>0.003</td><td>0.007</td></tr></tbody></table>	Dimensions	Unit (mm)		Unit (inch)		Min	Max	Min	Max	A	2.50	3.00	0.110	0.118	B	1.20	1.40	0.047	0.055	C	0.30	0.50	0.012	0.020	D	1.80	2.00	0.071	0.079	E	2.25	2.55	0.089	0.100	F	0.50	1.20	0.035	0.047	G	0.550 REF		0.022 REF		H	0.08	0.19	0.003	0.007	1. Max RthJA=417 ° C/W 2. BC817-25 hFE=160-400 @Vce=1V Ic=100mA 3. BC817-40 hFE=250-600 @Vce=1V Ic=100mA 4. Typ. Ccbo=10pF @ Vcb=10V, f=1MHz 5. Min. hFE=40 @ Vce=1V Ic=500mA 6. Dimension/A~F/H <table><thead><tr><th rowspan="2">DIM.</th><th colspan="2">Unit (mm)</th><th colspan="2">Unit (inch)</th></tr><tr><th>Min</th><th>Max</th><th>Min</th><th>Max</th></tr></thead><tbody><tr><td>A</td><td>2.70</td><td>3.10</td><td>0.106</td><td>0.122</td></tr><tr><td>B</td><td>1.10</td><td>1.50</td><td>0.043</td><td>0.059</td></tr><tr><td>C</td><td>0.30</td><td>0.51</td><td>0.012</td><td>0.020</td></tr><tr><td>D</td><td>1.78</td><td>2.04</td><td>0.070</td><td>0.080</td></tr><tr><td>E</td><td>2.10</td><td>2.64</td><td>0.083</td><td>0.104</td></tr><tr><td>F</td><td>0.89</td><td>1.30</td><td>0.035</td><td>0.051</td></tr><tr><td>G</td><td>0.55 REF</td><td></td><td>0.022 REF</td><td></td></tr><tr><td>H</td><td>0.1 REF</td><td></td><td>0.004 REF</td><td></td></tr></tbody></table>	DIM.	Unit (mm)		Unit (inch)		Min	Max	Min	Max	A	2.70	3.10	0.106	0.122	B	1.10	1.50	0.043	0.059	C	0.30	0.51	0.012	0.020	D	1.78	2.04	0.070	0.080	E	2.10	2.64	0.083	0.104	F	0.89	1.30	0.035	0.051	G	0.55 REF		0.022 REF		H	0.1 REF		0.004 REF	
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BC807-16W/-25W/-40W	1. dimension Change(Dim.: A/C/E/F) 2、electrical parameters modify to fit vendor's ability	1. Max ICBO=5uA @ VCB=20V, 150C 2. Dimension/A/C/E/F <table><thead><tr><th rowspan="2">Dimensions</th><th colspan="2">Unit (mm)</th><th colspan="2">Unit (inch)</th></tr><tr><th>Min</th><th>Max</th><th>Min</th><th>Max</th></tr></thead><tbody><tr><td>A</td><td>1.90</td><td>2.10</td><td>0.075</td><td>0.083</td></tr><tr><td>B</td><td>1.15</td><td>1.35</td><td>0.045</td><td>0.053</td></tr><tr><td>C</td><td>0.25</td><td>0.35</td><td>0.010</td><td>0.014</td></tr><tr><td>D</td><td>1.20</td><td>1.40</td><td>0.047</td><td>0.055</td></tr><tr><td>E</td><td>2.00</td><td>2.20</td><td>0.079</td><td>0.087</td></tr><tr><td>F</td><td>0.80</td><td>1.00</td><td>0.031</td><td>0.039</td></tr></tbody></table>	Dimensions	Unit (mm)		Unit (inch)		Min	Max	Min	Max	A	1.90	2.10	0.075	0.083	B	1.15	1.35	0.045	0.053	C	0.25	0.35	0.010	0.014	D	1.20	1.40	0.047	0.055	E	2.00	2.20	0.079	0.087	F	0.80	1.00	0.031	0.039	1. cancel the parameter 2. Dimension/A/C/E/F <table><thead><tr><th rowspan="2">DIM.</th><th colspan="2">Unit (mm)</th><th colspan="2">Unit (inch)</th></tr><tr><th>Min</th><th>Max</th><th>Min</th><th>Max</th></tr></thead><tbody><tr><td>A</td><td>1.80</td><td>2.20</td><td>0.07</td><td>0.09</td></tr><tr><td>B</td><td>1.15</td><td>1.35</td><td>0.05</td><td>0.05</td></tr><tr><td>C</td><td>0.15</td><td>0.40</td><td>0.01</td><td>0.02</td></tr><tr><td>D</td><td>1.20</td><td>1.40</td><td>0.05</td><td>0.06</td></tr><tr><td>E</td><td>2.00</td><td>2.45</td><td>0.08</td><td>0.10</td></tr><tr><td>F</td><td>0.80</td><td>1.10</td><td>0.03</td><td>0.04</td></tr></tbody></table>	DIM.	Unit (mm)		Unit (inch)		Min	Max	Min	Max	A	1.80	2.20	0.07	0.09	B	1.15	1.35	0.05	0.05	C	0.15	0.40	0.01	0.02	D	1.20	1.40	0.05	0.06	E	2.00	2.45	0.08	0.10	F	0.80	1.10	0.03	0.04																									
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BC807-16/-25/-40	electrical parameters modify to fit vendor's ability	Typ fT=100MHZ @Vce=-5V Ic=-10mA f=100MHZ	Min fT=80MHz @Ic=-10mA VCE=-5V f=50MHZ																																																																																																							
BAT54T/AD/CD/SD/BR	1. dimension Change(Dim.: A/E/G/H/I) 2、electrical parameters modify to fit vendor's ability	1. Max VF=0.24V @ IF=0.1mA 2. Max Tj, Tstg=-65 to+150 ° C 3. Dimension/A/E/G/H/I <table><thead><tr><th rowspan="2">DIM.</th><th colspan="2">Unit(mm)</th><th colspan="2">Unit(inch)</th></tr><tr><th>Min</th><th>Max</th><th>Min</th><th>Max</th></tr></thead><tbody><tr><td>A</td><td>1.80</td><td>2.20</td><td>0.071</td><td>0.087</td></tr><tr><td>B</td><td>1.15</td><td>1.35</td><td>0.045</td><td>0.053</td></tr><tr><td>C</td><td>0.15</td><td>0.35</td><td>0.006</td><td>0.014</td></tr><tr><td>D</td><td>1.20</td><td>1.40</td><td>0.047</td><td>0.055</td></tr><tr><td>E</td><td>2.15</td><td>2.45</td><td>0.085</td><td>0.096</td></tr><tr><td>F</td><td>0.90</td><td>1.10</td><td>0.035</td><td>0.043</td></tr><tr><td>G</td><td>-</td><td>0.1</td><td>-</td><td>0.004</td></tr><tr><td>H</td><td>0.05</td><td>0.15</td><td>0.002</td><td>0.006</td></tr><tr><td>I</td><td>0.25</td><td>-</td><td>0.010</td><td>-</td></tr></tbody></table>	DIM.	Unit(mm)		Unit(inch)		Min	Max	Min	Max	A	1.80	2.20	0.071	0.087	B	1.15	1.35	0.045	0.053	C	0.15	0.35	0.006	0.014	D	1.20	1.40	0.047	0.055	E	2.15	2.45	0.085	0.096	F	0.90	1.10	0.035	0.043	G	-	0.1	-	0.004	H	0.05	0.15	0.002	0.006	I	0.25	-	0.010	-	1. Cancel this parameter 2. Max Tj, Tstg=-55 to+125 ° C 3. Dimension/A/E/G/H/I <table><thead><tr><th rowspan="2">DIM.</th><th colspan="2">Unit (mm)</th><th colspan="2">Unit (inch)</th></tr><tr><th>Min</th><th>Max</th><th>Min</th><th>Max</th></tr></thead><tbody><tr><td>A</td><td>2.000</td><td>2.200</td><td>0.079</td><td>0.087</td></tr><tr><td>B</td><td>1.150</td><td>1.350</td><td>0.045</td><td>0.053</td></tr><tr><td>C</td><td>0.150</td><td>0.350</td><td>0.006</td><td>0.014</td></tr><tr><td>D</td><td>1.200</td><td>1.400</td><td>0.047</td><td>0.055</td></tr><tr><td>E</td><td>2.150</td><td>2.450</td><td>0.085</td><td>0.096</td></tr><tr><td>F</td><td>0.850</td><td>1.050</td><td>0.033</td><td>0.041</td></tr><tr><td>G</td><td>0.250</td><td>0.460</td><td>0.010</td><td>0.018</td></tr><tr><td>H</td><td>0.000</td><td>0.100</td><td>0.000</td><td>0.004</td></tr></tbody></table>	DIM.	Unit (mm)		Unit (inch)		Min	Max	Min	Max	A	2.000	2.200	0.079	0.087	B	1.150	1.350	0.045	0.053	C	0.150	0.350	0.006	0.014	D	1.200	1.400	0.047	0.055	E	2.150	2.450	0.085	0.096	F	0.850	1.050	0.033	0.041	G	0.250	0.460	0.010	0.018	H	0.000	0.100	0.000	0.004
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BAT54W/AW/CW/SW	electrical parameters modify to fit vendor's ability	Tstg=-65 to 150C	Max Tstg=-55 to+150 ° C																																																																																																							

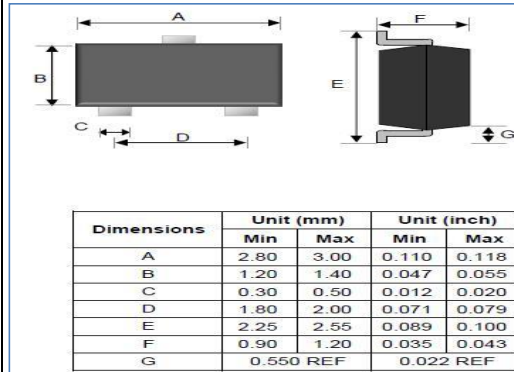
BC817-16W/-25W/-40W	1. dimension Change(Dim.: A/C/E/F) 2、electrical parameters modify to fit vendor's ability	1. BC817-16W Min hFE=100 @Vce=20V, Ic=100mA Max hFE=250 @Vce=20V, Ic=100mA 2. BC817-25W Min hFE=160 @Vce=20V, Ic=100mA Max hFE=400 @Vce=20V, Ic=100mA 3. BC817-40W Min hFE=250 @Vce=20V, Ic=100mA , Max hFE=600 @Vce=20V, Ic=100mA 4. Max ICBO=5uA @ VCB=20V, 150C 5. Dimension/A/C/E/F <table><thead><tr><th rowspan="2">DIM.</th><th colspan="2">Unit(mm)</th><th colspan="2">Unit(inch)</th></tr><tr><th>Min</th><th>Max</th><th>Min</th><th>Max</th></tr></thead><tbody><tr><td>A</td><td>1.90</td><td>2.10</td><td>0.075</td><td>0.083</td></tr><tr><td>B</td><td>1.15</td><td>1.35</td><td>0.045</td><td>0.053</td></tr><tr><td>C</td><td>0.25</td><td>0.35</td><td>0.010</td><td>0.014</td></tr><tr><td>D</td><td>1.20</td><td>1.40</td><td>0.047</td><td>0.055</td></tr><tr><td>E</td><td>2.00</td><td>2.20</td><td>0.079</td><td>0.087</td></tr><tr><td>F</td><td>0.80</td><td>1.00</td><td>0.031</td><td>0.039</td></tr></tbody></table> 1. BC817-16W Min hFE=100 @Vce=1V, Ic=100mA Max hFE=250 @Vce=1V, Ic=100mA 2. BC817-25W Min hFE=160 @Vce=1V, Ic=100mA Max hFE=400 @Vce=1V, Ic=100mA 3. BC817-40W Min hFE=250 @Vce=1V, Ic=100mA , Max hFE=600 @Vce=1V, Ic=100mA 4. cancel this parameter 5. Dimension/A/C/E/F <table><thead><tr><th rowspan="2">DIM.</th><th colspan="2">Unit (mm)</th><th colspan="2">Unit (inch)</th></tr><tr><th>Min</th><th>Max</th><th>Min</th><th>Max</th></tr></thead><tbody><tr><td>A</td><td>1.80</td><td>2.20</td><td>0.07</td><td>0.09</td></tr><tr><td>B</td><td>1.15</td><td>1.35</td><td>0.05</td><td>0.05</td></tr><tr><td>C</td><td>0.15</td><td>0.40</td><td>0.01</td><td>0.02</td></tr><tr><td>D</td><td>1.20</td><td>1.40</td><td>0.05</td><td>0.06</td></tr><tr><td>E</td><td>2.00</td><td>2.45</td><td>0.08</td><td>0.10</td></tr><tr><td>F</td><td>0.80</td><td>1.10</td><td>0.03</td><td>0.04</td></tr></tbody></table>	DIM.	Unit(mm)		Unit(inch)		Min	Max	Min	Max	A	1.90	2.10	0.075	0.083	B	1.15	1.35	0.045	0.053	C	0.25	0.35	0.010	0.014	D	1.20	1.40	0.047	0.055	E	2.00	2.20	0.079	0.087	F	0.80	1.00	0.031	0.039	DIM.	Unit (mm)		Unit (inch)		Min	Max	Min	Max	A	1.80	2.20	0.07	0.09	B	1.15	1.35	0.05	0.05	C	0.15	0.40	0.01	0.02	D	1.20	1.40	0.05	0.06	E	2.00	2.45	0.08	0.10	F	0.80	1.10	0.03	0.04
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BAW56, BAV70, BAV99	electrical parameters modify to fit vendor's ability	Max Rthja=357C/W	Max Rthja=556C/W																																																																													

BAS70 / -04 / -05 / -06	1. dimension Change 2、electrical parameters modify to fit vendor's ability	1. Max Tstg=-65 to+150 ° C 2. Dimension/A/B/C/E/F/G/H  Dimensions in inches and (millimeters)	1. Max Tstg=-55 to+150 ° C 2. Dimension/A/B/C/E/F/G/H <table><thead><tr><th rowspan="2">DIM.</th><th colspan="2">Unit (mm)</th><th colspan="2">Unit (inch)</th></tr><tr><th>Min</th><th>Max</th><th>Min</th><th>Max</th></tr></thead><tbody><tr><td>A</td><td>2.70</td><td>3.10</td><td>0.106</td><td>0.122</td></tr><tr><td>B</td><td>1.10</td><td>1.50</td><td>0.043</td><td>0.059</td></tr><tr><td>C</td><td>0.30</td><td>0.51</td><td>0.012</td><td>0.020</td></tr><tr><td>D</td><td>1.78</td><td>2.04</td><td>0.070</td><td>0.080</td></tr><tr><td>E</td><td>2.10</td><td>2.64</td><td>0.083</td><td>0.104</td></tr><tr><td>F</td><td>0.89</td><td>1.30</td><td>0.035</td><td>0.051</td></tr><tr><td>G</td><td>0.55 REF</td><td></td><td>0.022 REF</td><td></td></tr><tr><td>H</td><td>0.1 REF</td><td></td><td>0.004 REF</td><td></td></tr></tbody></table>	DIM.	Unit (mm)		Unit (inch)		Min	Max	Min	Max	A	2.70	3.10	0.106	0.122	B	1.10	1.50	0.043	0.059	C	0.30	0.51	0.012	0.020	D	1.78	2.04	0.070	0.080	E	2.10	2.64	0.083	0.104	F	0.89	1.30	0.035	0.051	G	0.55 REF		0.022 REF		H	0.1 REF		0.004 REF	
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BAT42W~BAT43W	1. dimension Change 2. electrical parameters modify to fit vendor's ability	1. IFRM=625mA 2. Ir=100uA 3. Cj=10p, VR=0V 4. Tj=-65C~125C 5. Dimension/A/C/E~H 	1. IFRM=500mA 2. delete Ir=100uA 3. Cj=10p, VR=1V 4. Tj=-55C~125C 5. Dimension/A/C/E~H <table><thead><tr><th rowspan="2">DIM.</th><th colspan="2">Unit (inch)</th><th colspan="2">Unit (mm)</th></tr><tr><th>Min</th><th>Max</th><th>Min</th><th>Max</th></tr></thead><tbody><tr><td>A</td><td>0.055</td><td>0.071</td><td>1.400</td><td>1.800</td></tr><tr><td>B</td><td>0.140</td><td>0.152</td><td>3.550</td><td>3.850</td></tr><tr><td>C</td><td>0.018</td><td>0.026</td><td>0.450</td><td>0.650</td></tr><tr><td>D</td><td>0.100</td><td>0.112</td><td>2.550</td><td>2.850</td></tr><tr><td>E</td><td>0.041</td><td>0.049</td><td>1.050</td><td>1.250</td></tr><tr><td>F</td><td>0.002</td><td>0.006</td><td>0.050</td><td>0.150</td></tr><tr><td>G</td><td>0.02 REF</td><td></td><td>0.50 REF</td><td></td></tr><tr><td>H</td><td>0.000</td><td>0.004</td><td>0.000</td><td>0.100</td></tr></tbody></table>	DIM.	Unit (inch)		Unit (mm)		Min	Max	Min	Max	A	0.055	0.071	1.400	1.800	B	0.140	0.152	3.550	3.850	C	0.018	0.026	0.450	0.650	D	0.100	0.112	2.550	2.850	E	0.041	0.049	1.050	1.250	F	0.002	0.006	0.050	0.150	G	0.02 REF		0.50 REF		H	0.000	0.004	0.000	0.100
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BAV99S	electrical parameters modify to fit vendor's ability	1. Pd=250mW 2. Io=200mA 3. IR=50uA @150C 4. Trr=4ns 5. Tj=-65C~150C	1. Pd=200mW 2. Io=150mA 3. delete IR=50uA @150C 4. Trr=6ns 5. Tj=-55C~150C																																																	

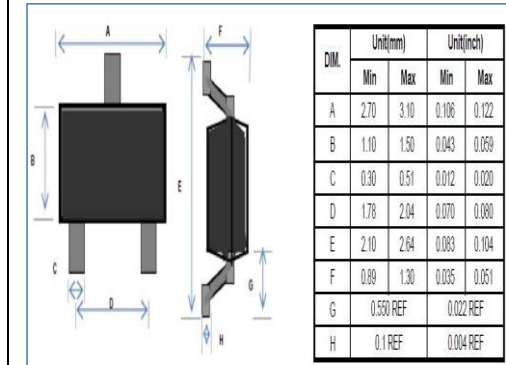
MMBT2222A

1. dimension Change
2. electrical parameters modify to fit vendor's ability

1. Max $I_{ebo}=0.01\mu A$ @ $V_{eb}=3.0V$ $I_c=0$
- 2.Dimension/A~F/H



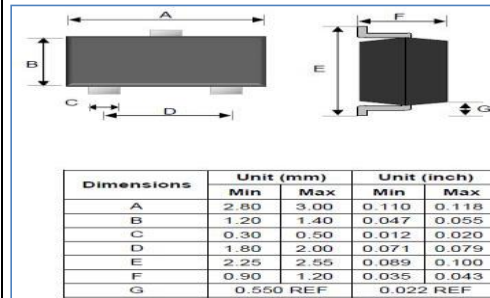
1. Max $I_{ebo}=0.1\mu A$ @ $V_{eb}=3.0V$ $I_c=0$
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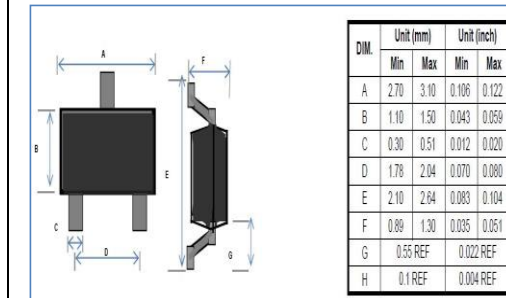
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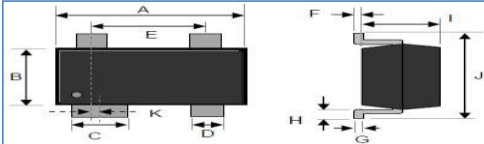
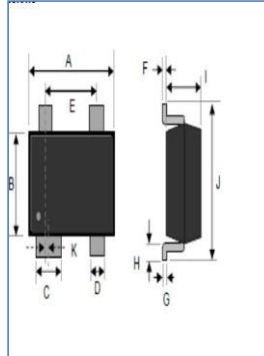
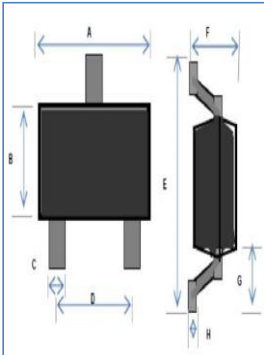
1. dimension Change
2. electrical parameters modify to fit vendor's ability

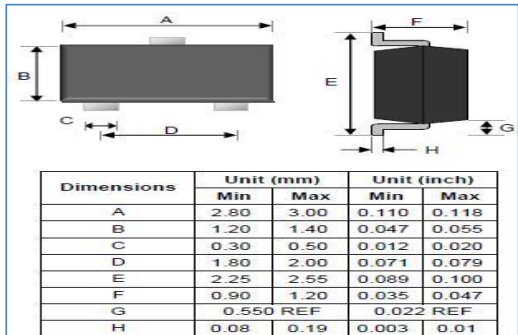
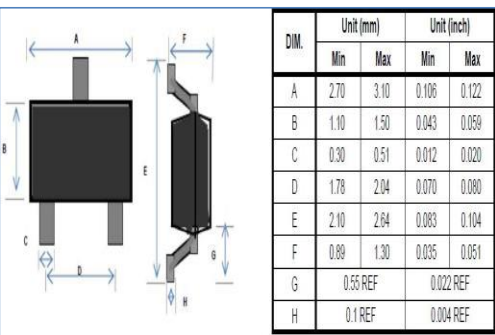
1. Max. $t_s=80ns$ @ $V_{ce}=-6V$, $I_c=-150mA$, $I_{b1}=-I_{b2}=-15mA$
2. Max. $t_f=30ns$ @ $V_{ce}=-6V$, $I_c=-150mA$, $I_{b1}=-I_{b2}=-15mA$
3. Dimension (see below Dim.: A~F & H)

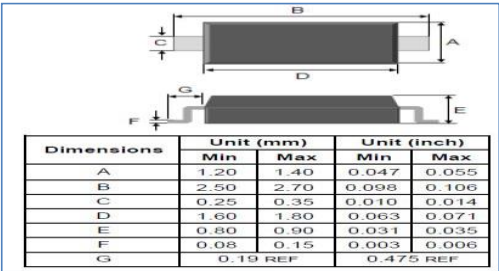
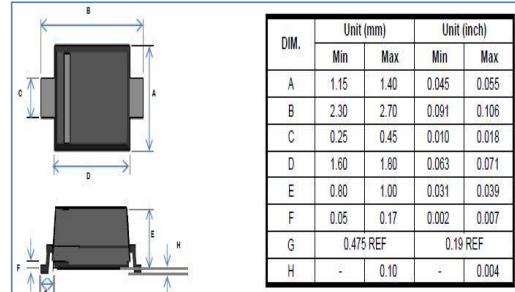


1. Max. $t_s=225ns$ @ $V_{ce}=-6V$, $I_c=-150mA$, $I_{b1}=-I_{b2}=-15mA$
2. Max. $t_f=60ns$ @ $V_{ce}=-6V$, $I_c=-150mA$, $I_{b1}=-I_{b2}=-15mA$
3. Dimension(see below Dim.: A~F & H)

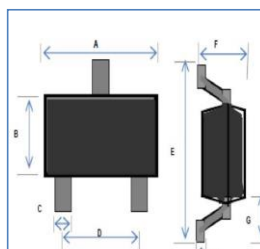


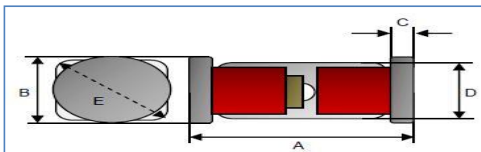
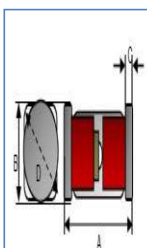
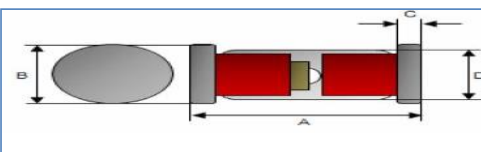
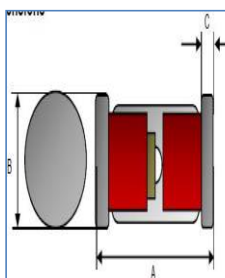
TESDB5V0A	1. dimension Change 2. electrical parameters modify to fit vendor's ability	1. Max Ppp=200W(tp=8/20us waveform) 2. Max IPP=10A (tp=8/20us) 3. Rthja No Show 4. Max IR=5uA @VR=5V 5. Max VC=17V @Ipp=3A 6. Cj=3pF @VR=0V , f=1MHz 7. Marking SL3 8. Dimension/C/E/F/H/I <table><thead><tr><th rowspan="2">Dimensions</th><th colspan="2">Unit (mm)</th><th colspan="2">Unit (inch)</th></tr><tr><th>Min</th><th>Max</th><th>Min</th><th>Max</th></tr></thead><tbody><tr><td>A</td><td>2.800</td><td>3.040</td><td>0.110</td><td>0.120</td></tr><tr><td>B</td><td>1.200</td><td>1.400</td><td>0.047</td><td>0.055</td></tr><tr><td>C</td><td>0.760</td><td>0.940</td><td>0.030</td><td>0.037</td></tr><tr><td>D</td><td>0.300</td><td>0.510</td><td>0.012</td><td>0.020</td></tr><tr><td>E</td><td>2.100</td><td>2.640</td><td>0.083</td><td>0.104</td></tr><tr><td>F</td><td>0.013</td><td>0.015</td><td>0.001</td><td>0.001</td></tr><tr><td>G</td><td>0.080</td><td>0.200</td><td>0.003</td><td>0.008</td></tr><tr><td>H</td><td>0.400</td><td>0.600</td><td>0.016</td><td>0.024</td></tr><tr><td>I</td><td>0.750</td><td>1.070</td><td>0.030</td><td>0.042</td></tr><tr><td>J</td><td>2.100</td><td>2.640</td><td>0.083</td><td>0.104</td></tr><tr><td>K</td><td colspan="2">0.2 (BSC)</td><td colspan="2">0.008(BSC)</td></tr></tbody></table> 1. Max Ppp=125W(8/20us waveform) 2. Cancel this parameter 3. Max Rthja=625 ° C/W 4. Max IR=1uA @VRWM=5V 5. Max VC=10V @Ipp=5A 6. Typ C=2pF @VR=0, f=1MHz 7. Marking U5V0 8. Dimension/C/E/F/H/I <table><thead><tr><th rowspan="2">DIM.</th><th colspan="2">Unit(mm)</th><th colspan="2">Unit(inch)</th></tr><tr><th>Min</th><th>Max</th><th>Min</th><th>Max</th></tr></thead><tbody><tr><td>A</td><td>2.800</td><td>3.040</td><td>0.110</td><td>0.120</td></tr><tr><td>B</td><td>1.200</td><td>1.400</td><td>0.047</td><td>0.055</td></tr><tr><td>C</td><td>0.750</td><td>0.940</td><td>0.030</td><td>0.037</td></tr><tr><td>D</td><td>0.300</td><td>0.510</td><td>0.012</td><td>0.020</td></tr><tr><td>E</td><td>1.800</td><td>2.640</td><td>0.071</td><td>0.104</td></tr><tr><td>F</td><td>0.000</td><td>0.100</td><td>0.000</td><td>0.004</td></tr><tr><td>G</td><td>0.080</td><td>0.200</td><td>0.003</td><td>0.008</td></tr><tr><td>H</td><td>0.300</td><td>0.600</td><td>0.012</td><td>0.024</td></tr><tr><td>I</td><td>0.750</td><td>1.150</td><td>0.030</td><td>0.045</td></tr><tr><td>J</td><td>2.100</td><td>2.640</td><td>0.083</td><td>0.104</td></tr><tr><td>K</td><td colspan="2">0.2 TYP.</td><td colspan="2">0.008 TYP.</td></tr></tbody></table>	Dimensions	Unit (mm)		Unit (inch)		Min	Max	Min	Max	A	2.800	3.040	0.110	0.120	B	1.200	1.400	0.047	0.055	C	0.760	0.940	0.030	0.037	D	0.300	0.510	0.012	0.020	E	2.100	2.640	0.083	0.104	F	0.013	0.015	0.001	0.001	G	0.080	0.200	0.003	0.008	H	0.400	0.600	0.016	0.024	I	0.750	1.070	0.030	0.042	J	2.100	2.640	0.083	0.104	K	0.2 (BSC)		0.008(BSC)		DIM.	Unit(mm)		Unit(inch)		Min	Max	Min	Max	A	2.800	3.040	0.110	0.120	B	1.200	1.400	0.047	0.055	C	0.750	0.940	0.030	0.037	D	0.300	0.510	0.012	0.020	E	1.800	2.640	0.071	0.104	F	0.000	0.100	0.000	0.004	G	0.080	0.200	0.003	0.008	H	0.300	0.600	0.012	0.024	I	0.750	1.150	0.030	0.045	J	2.100	2.640	0.083	0.104	K	0.2 TYP.		0.008 TYP.	
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MMBT3906	1. dimension Change 2. electrical parameters modify to fit vendor's ability	1. Icbo=-50nA @ VCB=-30V 2. Dimension/B/C/E/F/H <table><thead><tr><th rowspan="2">Dimensions</th><th colspan="2">Unit (mm)</th><th colspan="2">Unit (inch)</th></tr><tr><th>Min</th><th>Max</th><th>Min</th><th>Max</th></tr></thead><tbody><tr><td>A</td><td>2.70</td><td>3.10</td><td>0.106</td><td>0.122</td></tr><tr><td>B</td><td>1.20</td><td>1.65</td><td>0.047</td><td>0.065</td></tr><tr><td>C</td><td>0.30</td><td>0.50</td><td>0.012</td><td>0.020</td></tr><tr><td>D</td><td>1.78</td><td>2.04</td><td>0.070</td><td>0.080</td></tr><tr><td>E</td><td>2.20</td><td>3.00</td><td>0.087</td><td>0.118</td></tr><tr><td>F</td><td>0.95</td><td>1.40</td><td>0.037</td><td>0.055</td></tr><tr><td>G</td><td colspan="2">0.550 REF</td><td colspan="2">0.022 REF</td></tr></tbody></table> 1. Icbo=-100nA @ VCB=-40V 2. Dimension/B/C/E/F/H <table><thead><tr><th rowspan="2">DIM.</th><th colspan="2">Unit(mm)</th><th colspan="2">Unit(inch)</th></tr><tr><th>Min</th><th>Max</th><th>Min</th><th>Max</th></tr></thead><tbody><tr><td>A</td><td>2.70</td><td>3.10</td><td>0.106</td><td>0.122</td></tr><tr><td>B</td><td>1.10</td><td>1.50</td><td>0.043</td><td>0.059</td></tr><tr><td>C</td><td>0.30</td><td>0.51</td><td>0.012</td><td>0.020</td></tr><tr><td>D</td><td>1.78</td><td>2.04</td><td>0.070</td><td>0.080</td></tr><tr><td>E</td><td>2.10</td><td>2.64</td><td>0.083</td><td>0.104</td></tr><tr><td>F</td><td>0.89</td><td>1.30</td><td>0.035</td><td>0.051</td></tr><tr><td>G</td><td colspan="2">0.550 REF</td><td colspan="2">0.022 REF</td></tr><tr><td>H</td><td colspan="2">0.1 REF</td><td colspan="2">0.004 REF</td></tr></tbody></table>	Dimensions	Unit (mm)		Unit (inch)		Min	Max	Min	Max	A	2.70	3.10	0.106	0.122	B	1.20	1.65	0.047	0.065	C	0.30	0.50	0.012	0.020	D	1.78	2.04	0.070	0.080	E	2.20	3.00	0.087	0.118	F	0.95	1.40	0.037	0.055	G	0.550 REF		0.022 REF		DIM.	Unit(mm)		Unit(inch)		Min	Max	Min	Max	A	2.70	3.10	0.106	0.122	B	1.10	1.50	0.043	0.059	C	0.30	0.51	0.012	0.020	D	1.78	2.04	0.070	0.080	E	2.10	2.64	0.083	0.104	F	0.89	1.30	0.035	0.051	G	0.550 REF		0.022 REF		H	0.1 REF		0.004 REF																																				
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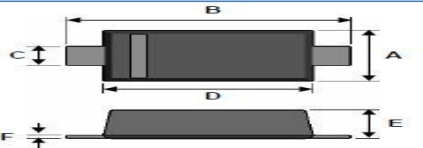
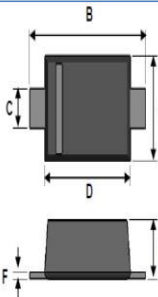
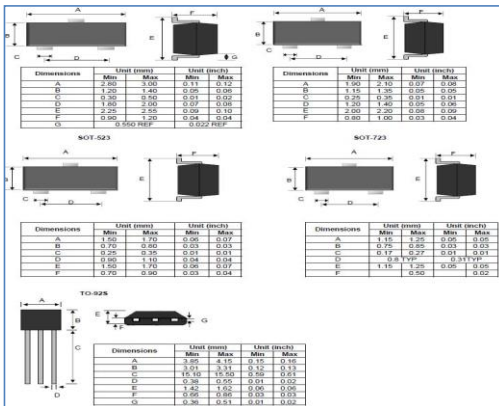
TESDA5V0A	1. dimension Change 2. electrical parameters modify to fit vendor's ability	1. Max Ppp=350W (tp=8/20us waveform) 2. Max VESD=±8 KV(Contact Model) 3. Max VC=9.8V @Ipp=1A 4. Max VC=12V @Ipp=5A 5. Typ Cj=1pF @VR=0V f=1MHz 6. Marking Y D05 7. Dimension 8. Change vendor from SDI to CJE 9. Dimension/A~F/H <table><thead><tr><th rowspan="2">Dimensions</th><th colspan="2">Unit (mm)</th><th colspan="2">Unit (inch)</th></tr><tr><th>Min</th><th>Max</th><th>Min</th><th>Max</th></tr></thead><tbody><tr><td>A</td><td>2.80</td><td>3.00</td><td>0.110</td><td>0.118</td></tr><tr><td>B</td><td>1.20</td><td>1.40</td><td>0.047</td><td>0.055</td></tr><tr><td>C</td><td>0.30</td><td>0.50</td><td>0.012</td><td>0.020</td></tr><tr><td>D</td><td>1.80</td><td>2.00</td><td>0.071</td><td>0.079</td></tr><tr><td>E</td><td>2.25</td><td>2.55</td><td>0.089</td><td>0.100</td></tr><tr><td>F</td><td>0.90</td><td>1.20</td><td>0.035</td><td>0.047</td></tr><tr><td>G</td><td>0.550</td><td>REF</td><td>0.022</td><td>REF</td></tr><tr><td>H</td><td>0.08</td><td>0.19</td><td>0.003</td><td>0.01</td></tr></tbody></table>	Dimensions	Unit (mm)		Unit (inch)		Min	Max	Min	Max	A	2.80	3.00	0.110	0.118	B	1.20	1.40	0.047	0.055	C	0.30	0.50	0.012	0.020	D	1.80	2.00	0.071	0.079	E	2.25	2.55	0.089	0.100	F	0.90	1.20	0.035	0.047	G	0.550	REF	0.022	REF	H	0.08	0.19	0.003	0.01	1. Max Ppp=87.5W 2. Max VESD±15 KV(Contact Model) 3. Max VC=15V @Ipp=15A 4. Max VC=25V @Ipp=3.5A 5. Max Cj=0.8pF @VR=0V , f=1MHz 6. Marking U5C2 7. Dimension 8. Change vendor from SDI to CJE 9.Dimension/A~F/H <table><thead><tr><th rowspan="2">DIM.</th><th colspan="2">Unit (mm)</th><th colspan="2">Unit (inch)</th></tr><tr><th>Min</th><th>Max</th><th>Min</th><th>Max</th></tr></thead><tbody><tr><td>A</td><td>2.70</td><td>3.10</td><td>0.106</td><td>0.122</td></tr><tr><td>B</td><td>1.10</td><td>1.50</td><td>0.043</td><td>0.059</td></tr><tr><td>C</td><td>0.30</td><td>0.51</td><td>0.012</td><td>0.020</td></tr><tr><td>D</td><td>1.78</td><td>2.04</td><td>0.070</td><td>0.080</td></tr><tr><td>E</td><td>2.10</td><td>2.84</td><td>0.083</td><td>0.104</td></tr><tr><td>F</td><td>0.89</td><td>1.30</td><td>0.035</td><td>0.051</td></tr><tr><td>G</td><td>0.55</td><td>REF</td><td>0.022</td><td>REF</td></tr><tr><td>H</td><td>0.1</td><td>REF</td><td>0.004</td><td>REF</td></tr></tbody></table>	DIM.	Unit (mm)		Unit (inch)		Min	Max	Min	Max	A	2.70	3.10	0.106	0.122	B	1.10	1.50	0.043	0.059	C	0.30	0.51	0.012	0.020	D	1.78	2.04	0.070	0.080	E	2.10	2.84	0.083	0.104	F	0.89	1.30	0.035	0.051	G	0.55	REF	0.022	REF	H	0.1	REF	0.004	REF
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RB751V-40	electrical parameters modify to fit vendor's ability	1. Max. Cj=2pF	1. Typ. Cj=2pF																																																																																																		
TSS40L	electrical parameters modify to fit vendor's ability	1. Max Cj=3pF @VR=0 f=1.0MHz	1. Max. Ct=5pF @f=1MHz and 0 VDC reverse Voltage																																																																																																		

TESDC5V0LC	1. dimension Change 2. electrical parameters modify to fit vendor's ability	1. Max Ppp=350W (tp=8/20us waveform) 2. Max VESD=±15 KV(Air) 3. Max VESD=±8 KV(Contact) 4. Ipp No Show 5. Max IR=5uA @VR=5V 6. Max VC=9.8V @Ipp=1A 7. Max VC=18.3V @Ipp=8A 8. Typ Cj=1.2pF @VR=0V f=1.0MHz 9. Marking AC 10. Dimension/A/B/C/E/F/G/H <table><thead><tr><th rowspan="2">Dimensions</th><th colspan="2">Unit (mm)</th><th colspan="2">Unit (inch)</th></tr><tr><th>Min</th><th>Max</th><th>Min</th><th>Max</th></tr></thead><tbody><tr><td>A</td><td>1.20</td><td>1.40</td><td>0.047</td><td>0.055</td></tr><tr><td>B</td><td>2.50</td><td>2.70</td><td>0.098</td><td>0.106</td></tr><tr><td>C</td><td>0.25</td><td>0.35</td><td>0.010</td><td>0.014</td></tr><tr><td>D</td><td>1.60</td><td>1.80</td><td>0.063</td><td>0.071</td></tr><tr><td>E</td><td>0.80</td><td>0.90</td><td>0.031</td><td>0.035</td></tr><tr><td>F</td><td>0.08</td><td>0.15</td><td>0.003</td><td>0.006</td></tr><tr><td>G</td><td colspan="2">0.19 REF</td><td colspan="2">0.475 REF</td></tr></tbody></table> 1. Max Ppp=750W(tp=8/20us waveform) 2. Max VESD=±25 KV(Air) 3. Max VESD=±25 KV(Contact) 4. Max Ipp=30A 5. Max IR=1uA @VRWM=5V 6. Max VC=27V @Ipp=30A 7. Cancel this parameter 8. Max Cj=2pF @VR=0 f=1MHz 9. Marking BV5 10. Dimension/A/B/C/E/F/G/H <table><thead><tr><th rowspan="2">DIM.</th><th colspan="2">Unit (mm)</th><th colspan="2">Unit (inch)</th></tr><tr><th>Min</th><th>Max</th><th>Min</th><th>Max</th></tr></thead><tbody><tr><td>A</td><td>1.15</td><td>1.40</td><td>0.045</td><td>0.055</td></tr><tr><td>B</td><td>2.30</td><td>2.70</td><td>0.091</td><td>0.106</td></tr><tr><td>C</td><td>0.25</td><td>0.45</td><td>0.010</td><td>0.018</td></tr><tr><td>D</td><td>1.60</td><td>1.80</td><td>0.063</td><td>0.071</td></tr><tr><td>E</td><td>0.80</td><td>1.00</td><td>0.031</td><td>0.039</td></tr><tr><td>F</td><td>0.05</td><td>0.17</td><td>0.002</td><td>0.007</td></tr><tr><td>G</td><td colspan="2">0.475 REF</td><td colspan="2">0.19 REF</td></tr><tr><td>H</td><td>-</td><td>0.10</td><td>-</td><td>0.004</td></tr></tbody></table>	Dimensions	Unit (mm)		Unit (inch)		Min	Max	Min	Max	A	1.20	1.40	0.047	0.055	B	2.50	2.70	0.098	0.106	C	0.25	0.35	0.010	0.014	D	1.60	1.80	0.063	0.071	E	0.80	0.90	0.031	0.035	F	0.08	0.15	0.003	0.006	G	0.19 REF		0.475 REF		DIM.	Unit (mm)		Unit (inch)		Min	Max	Min	Max	A	1.15	1.40	0.045	0.055	B	2.30	2.70	0.091	0.106	C	0.25	0.45	0.010	0.018	D	1.60	1.80	0.063	0.071	E	0.80	1.00	0.031	0.039	F	0.05	0.17	0.002	0.007	G	0.475 REF		0.19 REF		H	-	0.10	-	0.004
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TESDE5V0/TESDE12V/TESDE24V	electrical parameters modify to fit vendor's ability	1. TESDL5V0 Max VC=9.8V @Ipp=1A 2. TESDL12V Max VC=33V @Ipp=5A 3. TESDL24V Max VC=51V @Ipp=5A 1. TESDL5V0 Max VC=15V @Ipp=5A 2. TESDL12V Max VC=25V @Ipp=1A 3. TESDL24V Max VC=47V @Ipp=1A																																																																																													

TESDD5V0HC	1. dimension Change 2. electrical parameters modify to fit vendor's ability	1. Max Ppp=100W (tp=8/20us waveform) 2. Max VESD=±15 KV(Air) 3. Max VESD=±8 KV(Contact) 4. No Show 5. Min V(BR)=6V @IR=1mA 6. Max VC=10V @Ipp=1A 7. Max VC=15V @Ipp=5A 8. Typ Cj=35pF @VR=0V , f=1.0MHz 9. Marking TB 10. DimensionC/E/F	1. Max Pd=150W 2. Max VESD=±30 KV(Air) 3. Max VESD=±30 KV(Contact) 4. Max Rthja=833 ° C/W 5. Min VBR=5.8V @IT=1.0mA 6. Typ VC=9.5V @Ipp=5A 7. Max VC=13V @Ipp=12A 8. Typ C=27pF @VR=0V f=1MHz 9. Marking B5 10. DimensionC/E/F
TESDU5V0/TESDU12V/TESDU24V	electrical parameters modify to fit vendor's ability	1. Max Tj, 150 ° C 2. TESDU5V0 Max VC=9.8V@Ipp=1A 3. TESDU12V Max VC=33V @Ipp=5A 4. TESDU24V Max VC=51V @Ipp=5A	1. Max Tj,=125 ° 2. TESDU5V0 Max VC=15V @Ipp=5A 3. TESDU12V Max VC=25V @Ipp=1A 4. TESDU24V Max VC=47V @Ipp=1A
BZX84C2V4~BZX84C39	1. dimension Change 2. electrical parameters modify to fit vendor's ability	1. Rthja=375K/W 2. Pd=350mW 3. Dimension/A~C/E~H	1. Rthja=417K/W 2. Pd=300mW 3.Dimension/A~C/E~H

TESDL5V0/TESDL12V/TESDL24V	electrical parameters modify to fit vendor's ability	1. TESDL5V0 Max VC=9.8V @Ipp=1A 2. TESDL12V Max VC=33V @Ipp=5A 3. TESDL24V Max VC=51V @Ipp=5A	1. TESDL5V0 Max VC=15V @Ipp=5A 2. TESDL12V Max VC=25V @Ipp=1A 3. TESDL24V Max VC=47V @Ipp=1A																																																																																								
BC856A~BC858C	1. dimension Change 2. electrical parameters modify to fit vendor's ability	1. Pd=250mW 2. Icbo=-15nA 3. Dimension/A/H <table><thead><tr><th rowspan="2">Dimensions</th><th colspan="2">Unit (mm)</th><th colspan="2">Unit (inch)</th></tr><tr><th>Min</th><th>Max</th><th>Min</th><th>Max</th></tr></thead><tbody><tr><td>A</td><td>2.80</td><td>3.00</td><td>0.110</td><td>0.118</td></tr><tr><td>B</td><td>1.20</td><td>1.40</td><td>0.047</td><td>0.055</td></tr><tr><td>C</td><td>0.30</td><td>0.50</td><td>0.012</td><td>0.020</td></tr><tr><td>D</td><td>1.80</td><td>2.00</td><td>0.071</td><td>0.079</td></tr><tr><td>E</td><td>2.25</td><td>2.55</td><td>0.089</td><td>0.100</td></tr><tr><td>F</td><td>0.90</td><td>1.20</td><td>0.035</td><td>0.043</td></tr></tbody></table>	Dimensions	Unit (mm)		Unit (inch)		Min	Max	Min	Max	A	2.80	3.00	0.110	0.118	B	1.20	1.40	0.047	0.055	C	0.30	0.50	0.012	0.020	D	1.80	2.00	0.071	0.079	E	2.25	2.55	0.089	0.100	F	0.90	1.20	0.035	0.043	1. Pd=200mW 2. BC856 Icbo=-100nA @ Vcb=-70V BC857 Icbo=-100nA @ Vcb=-45V BC858 Icbo=-100nA @ Vcb=-25V 3. Dimension/A/H <table><thead><tr><th rowspan="2">DIM.</th><th colspan="2">Unit(mm)</th><th colspan="2">Unit(inch)</th></tr><tr><th>Min</th><th>Max</th><th>Min</th><th>Max</th></tr></thead><tbody><tr><td>A</td><td>2.70</td><td>3.10</td><td>0.106</td><td>0.122</td></tr><tr><td>B</td><td>1.10</td><td>1.50</td><td>0.043</td><td>0.059</td></tr><tr><td>C</td><td>0.30</td><td>0.51</td><td>0.012</td><td>0.020</td></tr><tr><td>D</td><td>1.78</td><td>2.04</td><td>0.070</td><td>0.080</td></tr><tr><td>E</td><td>2.20</td><td>2.60</td><td>0.087</td><td>0.102</td></tr><tr><td>F</td><td>0.90</td><td>1.30</td><td>0.035</td><td>0.051</td></tr><tr><td>G</td><td>0.550 REF</td><td></td><td>0.022 REF</td><td></td></tr><tr><td>H</td><td>0.1 REF</td><td></td><td>0.004 REF</td><td></td></tr></tbody></table>	DIM.	Unit(mm)		Unit(inch)		Min	Max	Min	Max	A	2.70	3.10	0.106	0.122	B	1.10	1.50	0.043	0.059	C	0.30	0.51	0.012	0.020	D	1.78	2.04	0.070	0.080	E	2.20	2.60	0.087	0.102	F	0.90	1.30	0.035	0.051	G	0.550 REF		0.022 REF		H	0.1 REF		0.004 REF	
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B0520LW~B0540W	electrical parameters modify to fit vendor's ability	1. Tj Tstg=-65 to +125 ° C 2. B0520LW: max VF=0.22V @ IF=100mA, 100C 3. B0520LW: max VF=0.33V @ IF=500mA, 100C 4. B0540W: max VF=0.46V @ IF=500mA, 100C 5. B0540W: max VF=0.61V @ IF=1000mA, 100C 6. B0520LW: max IR=5mA @ VR=10V, 100C 7. B0520LW: max IR=8mA @ VR=20V, 100C 8. B0540W: max IR=5mA @ VR=20V, 100C 9. B0540W: max IR=13mA @ VR=40V, 100C	1. Tj Tstg=-55 to +125 ° C 2. cancel this parameter 3. cancel this parameter 4. cancel this parameter 5. cancel this parameter 6. cancel this parameter 7. cancel this parameter 8. cancel this parameter 9. cancel this parameter																																																																																								
1N4148W/1N4448W/1N914BW	electrical parameters modify to fit vendor's ability	1. Max VRRM=100V 2. Max VRRM=100V	1. Max VRM=100V 2. Max VRRM=75V																																																																																								

LS4148/LS4448/LS914B	1. dimension Change 2. electrical parameters modify to fit vendor's ability	1. Max Tj, Tstg=-65 to+200 ° C 2. Max Trr=4.0 ns @IF=IR=10mA RL=100Ω IRR=1mA 3. Dimension/C/D/E <table><tr><th rowspan="2">Dimensions</th><th colspan="2">Unit (mm)</th><th colspan="2">Unit (inch)</th></tr><tr><th>Min</th><th>Max</th><th>Min</th><th>Max</th></tr><tr><td>A</td><td>3.30</td><td>3.70</td><td>0.130</td><td>0.146</td></tr><tr><td>B</td><td>1.40</td><td>1.60</td><td>0.055</td><td>0.063</td></tr><tr><td>C</td><td>0.25</td><td>0.40</td><td>0.010</td><td>0.016</td></tr><tr><td>D</td><td>1.25</td><td>1.40</td><td>0.049</td><td>0.055</td></tr><tr><td>E</td><td colspan="2">1.80</td><td colspan="2">0.071</td></tr></table>	Dimensions	Unit (mm)		Unit (inch)		Min	Max	Min	Max	A	3.30	3.70	0.130	0.146	B	1.40	1.60	0.055	0.063	C	0.25	0.40	0.010	0.016	D	1.25	1.40	0.049	0.055	E	1.80		0.071		1. Tj, Tstg=-65 to+175 ° C 2. Max Trr=4ns @IF=10mA to IR=1mA, VR=6V RL=100Ω 3. Dimension/C/D/E <table><tr><th rowspan="2">DIM.</th><th colspan="2">Unit (mm)</th><th colspan="2">Unit (inch)</th></tr><tr><th>Min</th><th>Max</th><th>Min</th><th>Max</th></tr><tr><td>A</td><td>3.30</td><td>3.70</td><td>0.130</td><td>0.146</td></tr><tr><td>B</td><td>1.40</td><td>1.60</td><td>0.055</td><td>0.063</td></tr><tr><td>C</td><td>0.20</td><td>0.45</td><td>0.008</td><td>0.018</td></tr><tr><td>D</td><td colspan="2">Typ. 1.8</td><td colspan="2">Typ. 0.071</td></tr></table>	DIM.	Unit (mm)		Unit (inch)		Min	Max	Min	Max	A	3.30	3.70	0.130	0.146	B	1.40	1.60	0.055	0.063	C	0.20	0.45	0.008	0.018	D	Typ. 1.8		Typ. 0.071	
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LL4148/LL4448/LL914B	1. dimension Change 2. electrical parameters modify to fit vendor's ability	1. Max VRRM=100V 2. Max IF=300mA 3. Max IFRM=500mA 4. Max Tj, Tstg= -65 to+200 ° C 5. Dimension/C/D <table><tr><th rowspan="2">Dimensions</th><th colspan="2">Unit (mm)</th><th colspan="2">Unit (inch)</th></tr><tr><th>Min</th><th>Max</th><th>Min</th><th>Max</th></tr><tr><td>A</td><td>3.30</td><td>3.70</td><td>0.130</td><td>0.146</td></tr><tr><td>B</td><td>1.40</td><td>1.60</td><td>0.055</td><td>0.063</td></tr><tr><td>C</td><td>0.25</td><td>0.40</td><td>0.010</td><td>0.016</td></tr><tr><td>D</td><td>1.25</td><td>1.40</td><td>0.049</td><td>0.055</td></tr></table>	Dimensions	Unit (mm)		Unit (inch)		Min	Max	Min	Max	A	3.30	3.70	0.130	0.146	B	1.40	1.60	0.055	0.063	C	0.25	0.40	0.010	0.016	D	1.25	1.40	0.049	0.055	1. Max VRRM=75V 2. Max IO=150mA 3. IFRM=450mA 4. Max Tj, Tstg= -65 to+175 ° C 5. Dimension/C/D <table><tr><th rowspan="2">DIM.</th><th colspan="2">Unit (mm)</th><th colspan="2">Unit (inch)</th></tr><tr><th>Min</th><th>Max</th><th>Min</th><th>Max</th></tr><tr><td>A</td><td>3.30</td><td>3.70</td><td>0.130</td><td>0.146</td></tr><tr><td>B</td><td>1.40</td><td>1.60</td><td>0.055</td><td>0.063</td></tr><tr><td>C</td><td>0.20</td><td>0.50</td><td>0.008</td><td>0.020</td></tr></table>	DIM.	Unit (mm)		Unit (inch)		Min	Max	Min	Max	A	3.30	3.70	0.130	0.146	B	1.40	1.60	0.055	0.063	C	0.20	0.50	0.008	0.020										
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LL4148L	1. dimension Change 2. electrical parameters modify to fit vendor's ability	1. Max VRRM=100V 2. VF=Min. 0.62V. Max.0.72V @IF=5mA 3. Max.VF= 1.0V @ IF=100mA 4. Max.IR= max. 3uA @ VR=20V Tj=100 ° C	1. Max VRRM=75V 2. Cancel this parameter 3. Cancel this parameter 4. Cancel this parameter																																																															
TSZL52C2V4 - TSZL52C39	electrical parameters modify to fit vendor's ability	Max Tstg, Tj=-65 to+125 ° C	Max Tj=-55 to+125 ° C																																																															
TSZU52C2V0 - TSZU52C39	electrical parameters modify to fit vendor's ability	Max Tstg, Tj=-65 to+125 ° C	Max Tj=-55 to+125 ° C																																																															

1N4148WS/1N4448WS/1N914BWS	1. dimension Change 2. electrical parameters modify to fit vendor's ability	1. Max VRRM=100V 2. Max VRRM=100V 3. Max RthJA 500 ° C/W 4. Dimension/B/E/F <table><thead><tr><th rowspan="2">Dimensions</th><th colspan="2">Unit (mm)</th><th colspan="2">Unit (inch)</th></tr><tr><th>Min</th><th>Max</th><th>Min</th><th>Max</th></tr></thead><tbody><tr><td>A</td><td>1.15</td><td>1.35</td><td>0.045</td><td>0.053</td></tr><tr><td>B</td><td>2.30</td><td>2.70</td><td>0.091</td><td>0.106</td></tr><tr><td>C</td><td>0.25</td><td>0.40</td><td>0.010</td><td>0.016</td></tr><tr><td>D</td><td>1.60</td><td>1.80</td><td>0.063</td><td>0.071</td></tr><tr><td>E</td><td>0.80</td><td>1.00</td><td>0.031</td><td>0.039</td></tr><tr><td>F</td><td>0.05</td><td>0.20</td><td>0.002</td><td>0.008</td></tr></tbody></table>	Dimensions	Unit (mm)		Unit (inch)		Min	Max	Min	Max	A	1.15	1.35	0.045	0.053	B	2.30	2.70	0.091	0.106	C	0.25	0.40	0.010	0.016	D	1.60	1.80	0.063	0.071	E	0.80	1.00	0.031	0.039	F	0.05	0.20	0.002	0.008	1. Max VRM=100V 2. Max VRRM=75V 3. Max RthJA 625 ° C/W 4. Dimension/B/E/F <table><thead><tr><th rowspan="2">DIM.</th><th colspan="2">Unit (mm)</th><th colspan="2">Unit (inch)</th></tr><tr><th>Min</th><th>Max</th><th>Min</th><th>Max</th></tr></thead><tbody><tr><td>A</td><td>1.15</td><td>1.35</td><td>0.045</td><td>0.053</td></tr><tr><td>B</td><td>2.30</td><td>2.80</td><td>0.091</td><td>0.110</td></tr><tr><td>C</td><td>0.25</td><td>0.40</td><td>0.010</td><td>0.016</td></tr><tr><td>D</td><td>1.60</td><td>1.80</td><td>0.063</td><td>0.071</td></tr><tr><td>E</td><td>0.80</td><td>1.10</td><td>0.031</td><td>0.043</td></tr><tr><td>F</td><td>0.05</td><td>0.25</td><td>0.002</td><td>0.010</td></tr></tbody></table>	DIM.	Unit (mm)		Unit (inch)		Min	Max	Min	Max	A	1.15	1.35	0.045	0.053	B	2.30	2.80	0.091	0.110	C	0.25	0.40	0.010	0.016	D	1.60	1.80	0.063	0.071	E	0.80	1.10	0.031	0.043	F	0.05	0.25	0.002	0.010
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BAV19W-G/BAV20W-G/BAV21W-G	electrical parameters modify to fit vendor's ability	1. BAV21W-G: VR=250 2. None	1. BAV21W-G: VR=200V 2. Max. Rthja=250C/W																																																																														
TS4148 RXG	electrical parameters modify to fit vendor's ability	1. Tj & Tstg = -65~175	1. Tj & Tstg = -55~150																																																																														
DTC143 ZM/ZE/ZUA/ZCA/ZSA	dimension Change	Dimension 	Dimension 