

Attn.: _____

HIROSE ELECTRIC CO., LTD.
5-23, OSAKI 5-CHOME, SHINAGAWA-KU, TOKYO, JAPAN

Product Change Notification

We are writing today to inform you that we will make some changes as shown in the subject for the reason described below. We request that you kindly return your consent to this matter.

| | | |
|----|---|---|
| 1 | Products affected | Please refer to the Attachment 1 (Product List) |
| 2 | Replacement product | Please refer to the Attachment 1 (Product List) |
| 3 | Classification of change | Material change |
| 4 | Changes | <p>This is to change the current material into 4 kinds of restricted phthalic acid for The RoHS Directive. In addition, the current resin material of some affected products will be changed.</p> <p>Changes are as follows. ① Change to RoHS compliant material ② Change to RoHS compliant material and resin material change These changes will not affect the performances of the products.</p> <p>For ② resin material change of products, there might be slight difference in color tone from the current resin material. Please refer to the Attachment 2 (Comparison of Color Tone of Resin Material).</p> <p>※4 kinds of restricted phthalic DEHP Bis(2-ethylhexyl)phthalate) BBP Butyl bezy phthalate DBP Dibutyl phthalate DIBP Diisobutyl phthalate</p> |
| 5 | Reason for changes | <p>4 kinds of restricted phthalic acid are added to The RoHS Directive (Currently 6 kinds of material are regulated) and totally 10 kinds of material are regulated. We will change material into other compliant material.</p> <p>For instability of material supply of resin material use in affected products, we will change to other material which can be supplied stably</p> |
| 6 | Date of final reception of orders for the current product | October 31, 2018 |
| 7 | Date of first reception of orders for the replacement product | April 1, 2018 |
| 8 | Date of first shipment of the replacement product | July 1, 2018 |
| 9 | Date of final shipment of the current product | December 31, 2018 |
| 10 | Test data | Available from March 31 |
| 11 | Sample of replacement product | Available from March 31 |
| 12 | Date of your acknowledgement | By July 31, 2018 |

We kindly request that you inform Hirose business representative of your acknowledgement by the aforesaid date.

In the absence of a response by this date, please be advised that replacement products that described above will be delivered.

If you should have any questions, please feel free to contact a Hirose business representative. Your understanding and cooperation are highly appreciated.

| No. | Current product | | Replacement product | | Affected parts of material change | | | | | | | | |
|-----|-----------------|-------------------------|---------------------|-------------------------|-----------------------------------|----------------|-----|--------------|-------|---------|--------|----------------|------------------------------|
| | Product code | Product name | Product code | Product name | O ring | Packing Gasket | Cap | Code Pushing | Cable | Packing | Others | Resin material | Color tone of Resin material |
| 89 | 114-1053-3-71 | JRC16WPQ-CP10(71) | 114-1053-3-31 | JRC16WPQ-CP10(31) | ● | ● | | | | | | | |
| 90 | 114-1055-9-71 | JRC16WPQ-7S(71) | 114-1055-9-31 | JRC16WPQ-7S(31) | ● | | | | | | | | |
| 91 | 114-2001-5-71 | JR13WP-3P(71) | 114-2001-5-31 | JR13WP-3P(31) | ● | | | | | | | | |
| 92 | 114-2002-8-71 | JR13WP-5P(71) | 114-2002-8-31 | JR13WP-5P(31) | ● | | | | | | | | |
| 93 | 114-2003-0-71 | JR16WP-7P(71) | 114-2003-0-31 | JR16WP-7P(31) | ● | | | | | | | | |
| 94 | 114-2004-3-71 | JR16WP-10P(71) | 114-2004-3-31 | JR16WP-10P(31) | ● | | | | | | | | |
| 95 | 114-2005-6-71 | JR21WP-10P(71) | 114-2005-6-31 | JR21WP-10P(31) | ● | | | | | | | | |
| 96 | 114-2006-9-71 | JR21WP-16P(71) | 114-2006-9-31 | JR21WP-16P(31) | ● | | | | | | | | |
| 97 | 114-2010-6-71 | JR25WP-16P(71) | 114-2010-6-31 | JR25WP-16P(31) | ● | | | | | | | | |
| 98 | 114-2011-9-71 | JR25WP-24P(71) | 114-2011-9-31 | JR25WP-24P(31) | ● | | | | | | | | |
| 99 | 114-2011-9-76 | JR25WP-24P(76) | 114-2011-9-32 | JR25WP-24P(32) | ● | | | | | | | | |
| 100 | 114-2012-1-71 | JR13WP-3S(71) | 114-2012-1-31 | JR13WP-3S(31) | ● | | | | | | | | |
| 101 | 114-2013-4-71 | JR13WP-5S(71) | 114-2013-4-31 | JR13WP-5S(31) | ● | | | | | | | | |
| 102 | 114-2014-7-71 | JR16WP-7S(71) | 114-2014-7-31 | JR16WP-7S(31) | ● | | | | | | | | |
| 103 | 114-2015-0-71 | JR16WP-10S(71) | 114-2015-0-31 | JR16WP-10S(31) | ● | | | | | | | | |
| 104 | 114-2016-2-71 | JR21WP-10S(71) | 114-2016-2-31 | JR21WP-10S(31) | ● | | | | | | | | |
| 105 | 114-2017-5-71 | JR21WP-16S(71) | 114-2017-5-31 | JR21WP-16S(31) | ● | | | | | | | | |
| 106 | 114-2021-2-71 | JR25WP-16S(71) | 114-2021-2-31 | JR25WP-16S(31) | ● | | | | | | | | |
| 107 | 114-2022-5-71 | JR25WP-24S(71) | 114-2022-5-31 | JR25WP-24S(31) | ● | | | | | | | | |
| 108 | 114-2023-8-71 | JR13WR-3P(71) | 114-2023-8-31 | JR13WR-3P(31) | ● | | | | | | | | |
| 109 | 114-2024-0-71 | JR13WR-5P(71) | 114-2024-0-31 | JR13WR-5P(31) | ● | | | | | | | | |
| 110 | 114-2025-3-71 | JR16WR-7P(71) | 114-2025-3-31 | JR16WR-7P(31) | ● | | | | | | | | |
| 111 | 114-2026-6-71 | JR16WR-10P(71) | 114-2026-6-31 | JR16WR-10P(31) | ● | | | | | | | | |
| 112 | 114-2027-9-71 | JR21WR-10P(71) | 114-2027-9-31 | JR21WR-10P(31) | ● | | | | | | | | |
| 113 | 114-2028-1-71 | JR21WR-16P(71) | 114-2028-1-31 | JR21WR-16P(31) | ● | | | | | | | | |
| 114 | 114-2032-9-71 | JR25WR-16P(71) | 114-2032-9-31 | JR25WR-16P(31) | ● | | | | | | | | |
| 115 | 114-2033-1-71 | JR25WR-24P(71) | 114-2033-1-31 | JR25WR-24P(31) | ● | | | | | | | | |
| 116 | 114-2034-4-71 | JR13WR-3S(71) | 114-2034-4-31 | JR13WR-3S(31) | ● | | | | | | | | |
| 117 | 114-2035-7-71 | JR13WR-5S(71) | 114-2035-7-31 | JR13WR-5S(31) | ● | | | | | | | | |
| 118 | 114-2036-0-71 | JR16WR-7S(71) | 114-2036-0-31 | JR16WR-7S(31) | ● | | | | | | | | |
| 119 | 114-2037-2-71 | JR16WR-10S(71) | 114-2037-2-31 | JR16WR-10S(31) | ● | | | | | | | | |
| 120 | 114-2038-5-71 | JR21WR-10S(71) | 114-2038-5-31 | JR21WR-10S(31) | ● | | | | | | | | |
| 121 | 114-2039-8-71 | JR21WR-16S(71) | 114-2039-8-31 | JR21WR-16S(31) | ● | | | | | | | | |
| 122 | 114-2043-5-71 | JR25WR-16S(71) | 114-2043-5-31 | JR25WR-16S(31) | ● | | | | | | | | |
| 123 | 114-2044-8-71 | JR25WR-24S(71) | 114-2044-8-31 | JR25WR-24S(31) | ● | | | | | | | | |
| 124 | 114-2044-8-76 | JR25WR-24S(76) | 114-2044-8-32 | JR25WR-24S(32) | ● | | | | | | | | |
| 125 | 114-2045-0-71 | JR13WCC-4(71) | 114-2045-0-31 | JR13WCC-4(31) | | ● | | | | | | | |
| 126 | 114-2046-3-71 | JR13WCC-5(71) | 114-2046-3-31 | JR13WCC-5(31) | | ● | | | | | | | |
| 127 | 114-2048-9-71 | JR13WCC-7(71) | 114-2048-9-31 | JR13WCC-7(31) | | ● | | | | | | | |
| 128 | 114-2049-1-71 | JR13WCC-8(71) | 114-2049-1-31 | JR13WCC-8(31) | | ● | | | | | | | |
| 129 | 114-2050-0-71 | JR13WCC-9(71) | 114-2050-0-31 | JR13WCC-9(31) | | ● | | | | | | | |
| 130 | 114-2050-0-73 | JR13WCC-9(73) | 114-2050-0-32 | JR13WCC-9(32) | | ● | | | | | | | |
| 131 | 114-2051-3-71 | JR13WCC-10(71) | 114-2051-3-31 | JR13WCC-10(31) | | ● | | | | | | | |
| 132 | 114-2057-0-71 | JR21WCC-6(71) | 114-2057-0-31 | JR21WCC-6(31) | | ● | | | | | | | |
| 133 | 114-2058-2-71 | JR21WCC-8(71) | 114-2058-2-31 | JR21WCC-8(31) | | ● | | | | | | | |
| 134 | 114-2059-5-71 | JR21WCC-10(71) | 114-2059-5-31 | JR21WCC-10(31) | | ● | | | | | | | |
| 135 | 114-2060-4-71 | JR21WCC-12(71) | 114-2060-4-31 | JR21WCC-12(31) | | ● | | | | | | | |
| 136 | 114-2061-7-71 | JR21WCC-14(71) | 114-2061-7-31 | JR21WCC-14(31) | | ● | | | | | | | |
| 137 | 114-2062-0-71 | JR21WCC-16(71) | 114-2062-0-31 | JR21WCC-16(31) | | ● | | | | | | | |
| 138 | 114-2065-8-71 | JR25WCC-12(71) | 114-2065-8-31 | JR25WCC-12(31) | | ● | | | | | | | |
| 139 | 114-2066-0-71 | JR25WCC-14(71) | 114-2066-0-31 | JR25WCC-14(31) | | ● | | | | | | | |
| 140 | 114-2067-3-71 | JR25WCC-16(71) | 114-2067-3-31 | JR25WCC-16(31) | | ● | | | | | | | |
| 141 | 114-2069-9-71 | JR13WCCA-4(71) | 114-2069-9-31 | JR13WCCA-4(31) | | ● | | | | | | | |
| 142 | 114-2070-8-71 | JR13WCCA-5(71) | 114-2070-8-31 | JR13WCCA-5(31) | | ● | | | | | | | |
| 143 | 114-2072-3-71 | JR13WCCA-7(71) | 114-2072-3-31 | JR13WCCA-7(31) | | ● | | | | | | | |
| 144 | 114-2073-6-71 | JR13WCCA-8(71) | 114-2073-6-31 | JR13WCCA-8(31) | | ● | | | | | | | |
| 145 | 114-2074-9-71 | JR13WCCA-9(71) | 114-2074-9-31 | JR13WCCA-9(31) | | ● | | | | | | | |
| 146 | 114-2075-1-71 | JR13WCCA-10(71) | 114-2075-1-31 | JR13WCCA-10(31) | | ● | | | | | | | |
| 147 | 114-2081-4-71 | JR21WCCA-6(71) | 114-2081-4-31 | JR21WCCA-6(31) | | ● | | | | | | | |
| 148 | 114-2082-7-71 | JR21WCCA-8(71) | 114-2082-7-31 | JR21WCCA-8(31) | | ● | | | | | | | |
| 149 | 114-2083-0-71 | JR21WCCA-10(71) | 114-2083-0-31 | JR21WCCA-10(31) | | ● | | | | | | | |
| 150 | 114-2084-2-71 | JR21WCCA-12(71) | 114-2084-2-31 | JR21WCCA-12(31) | | ● | | | | | | | |
| 151 | 114-2085-5-71 | JR21WCCA-14(71) | 114-2085-5-31 | JR21WCCA-14(31) | | ● | | | | | | | |
| 152 | 114-2086-8-71 | JR21WCCA-16(71) | 114-2086-8-31 | JR21WCCA-16(31) | | ● | | | | | | | |
| 153 | 114-2089-6-71 | JR25WCCA-12(71) | 114-2089-6-31 | JR25WCCA-12(31) | | ● | | | | | | | |
| 154 | 114-2090-5-71 | JR25WCCA-14(71) | 114-2090-5-31 | JR25WCCA-14(31) | | ● | | | | | | | |
| 155 | 114-2091-8-71 | JR25WCCA-16(71) | 114-2091-8-31 | JR25WCCA-16(31) | | ● | | | | | | | |
| 156 | 114-2096-1-71 | JR16WRA-10P(71) | 114-2096-1-31 | JR16WRA-10P(31) | | ● | | | | | | | |
| 157 | 114-2114-1-71 | JR16WP-10PC(71) | 114-2114-1-31 | JR16WP-10PC(31) | ● | | | | | | | ● | |
| 158 | 114-2115-4-71 | JR21WP-10PC(71) | 114-2115-4-31 | JR21WP-10PC(31) | ● | | | | | | | ● | |
| 159 | 114-2122-0-71 | JR16WP-10SC(71) | 114-2122-0-31 | JR16WP-10SC(31) | ● | | | | | | | ● | |
| 160 | 114-2130-8-71 | JR16WR-10PC(71) | 114-2130-8-31 | JR16WR-10PC(31) | ● | | | | | | | ● | |
| 161 | 114-2143-0-71 | JR16WRA-7P(71) | 114-2143-0-31 | JR16WRA-7P(31) | | ● | | | | | | | |
| 162 | 114-2145-5-71 | JR16WRA-10S(71) | 114-2145-5-31 | JR16WRA-10S(31) | | ● | | | | | | | |
| 163 | 114-2156-1-71 | JRC25WRC(71) | 114-2156-1-31 | JRC25WRC(31) | | ● | | | | | | | |
| 164 | 114-2157-4-71 | JR25WCC-15(71) | 114-2157-4-31 | JR25WCC-15(31) | | ● | | | | | | | |
| 165 | 114-2162-4-71 | JR16WRC(71) | 114-2162-4-31 | JR16WRC(31) | | ● | | | | | | | |
| 166 | 114-2163-7-71 | JR25WRC(71) | 114-2163-7-31 | JR25WRC(31) | | ● | | | | | | | |
| 167 | 120-0422-4-73 | H/MS3108B18-10S-D-T(73) | 120-0422-4-31 | H/MS3108B18-10S-D-T(31) | | ● | | | | | | | |
| 168 | 120-0423-7-73 | H/MS3108B22-22S-D-T(73) | 120-0423-7-31 | H/MS3108B22-22S-D-T(31) | | ● | | | | | | | |
| 169 | 120-0705-9-73 | H/MS3108B18-10S(73) | 120-0705-9-31 | H/MS3108B18-10S(31) | | ● | | | | | | | |
| 170 | 120-0711-1-73 | H/MS3108B20-29S(73) | 120-0711-1-31 | H/MS3108B20-29S(31) | | ● | | | | | | ● | |
| 171 | 120-0711-1-74 | H/MS3108B20-29SW(74) | 120-0711-1-34 | H/MS3108B20-29SW(34) | | ● | | | | | | ● | |
| 172 | 120-0802-5-73 | H/MS3057-10A(73) | 120-0802-5-31 | H/MS3057-10A(31) | | ● | | | | | | | |
| 173 | 120-0803-8-73 | H/MS3057-12A(73) | 120-0803-8-31 | H/MS3057-12A(31) | | ● | | | | | | | |
| 174 | 122-0029-8-73 | HR22-12WTR-C(73) | 122-0029-8-31 | HR22-12WTR-C(31) | | ● | | | | | | | |
| 175 | 122-0048-2-73 | HR22-12WTR-C2(73) | 122-0048-2-31 | HR22-12WTR-C2(31) | | ● | | | | | | | |
| 176 | 122-0054-5-73 | HR22-12WTR-20P(73) | 122-0054-5-31 | HR22-12WTR-20P(31) | | ● | | | | | | ● | |
| 177 | 122-0064-9-00 | HR22-12WTR-20PC | 122-0064-9-31 | HR22-12WTR-20PC(31) | | ● | | | | | | ● | |
| 178 | 122-0079-6-00 | HR22-12WTR-20SC | 122-0079-6-31 | HR22-12WTR-20SC(31) | | ● | | | | | | ● | |
| 179 | 124-0205-1-73 | HR24-8DP4S300(73) | 124-0205-1-31 | HR24-8DP4S300(31) | | ● | | | | | | | |

| No. | Current product | | Replacement product | | Affected parts of material change | | | | | | | | |
|-----|-----------------|---------------------------|---------------------|---------------------------|-----------------------------------|----------------|-----|--------------|-------|---------|--------|----------------|------------------------------|
| | Product code | Product name | Product code | Product name | O ring | Packing Gasket | Cap | Code Pushing | Cable | Packing | Others | Resin material | Color tone of Resin material |
| 180 | 124-0401-0-73 | HR24-8AP4S300(73) | 124-0401-0-31 | HR24-8AP4S300(31) | | ● | | | | | | | |
| 181 | 124-5008-8-73 | HR24-8DP-5S(73) | 124-5008-8-31 | HR24-8DP-5S(31) | | ● | | | | | | | |
| 182 | 124-5008-8-74 | HR24-8DP-5S(74) | 124-5008-8-32 | HR24-8DP-5S(32) | | ● | | | | | | | |
| 183 | 125-0105-3-78 | HR25-9TP-20P(78) | 125-0105-3-31 | HR25-9TP-20P(31) | | | ● | | | | | | |
| 184 | 125-0106-6-78 | HR25-9TP-20S(78) | 125-0106-6-31 | HR25-9TP-20S(31) | | | ● | | | | | | |
| 185 | 125-0519-6-71 | HR25-9TPC-20P(71) | 125-0519-6-31 | HR25-9TPC-20P(31) | | ● | ● | | | | | | |
| 186 | 125-0521-8-71 | HR25-9TPD-16P(71) | 125-0521-8-31 | HR25-9TPD-16P(31) | | | ● | | | | | | |
| 187 | 125-0602-8-00 | HR25A-7P-6P | 125-0602-8-31 | HR25A-7P-6P(31) | | | ● | | | | | | |
| 188 | 127-0002-3-71 | MXR-8P-8P(71) | 127-0002-3-31 | MXR-8P-8P(31) | | | | ● | | | | ● | |
| 189 | 127-0203-5-71 | MXR-8J-8S(71) | 127-0203-5-31 | MXR-8J-8S(31) | | | | ● | | | | ● | |
| 190 | 130-0001-0-00 | HR30-6PE-6P | 130-0001-0-31 | HR30-6PE-6P(31) | | ● | | | | | | ● | |
| 191 | 130-0004-1-71 | HR30-6P-3S(71) | 130-0004-1-31 | HR30-6P-3S(31) | | ● | | | | | | ● | |
| 192 | 130-0009-5-71 | HR30-6P-6P(71) | 130-0009-5-31 | HR30-6P-6P(31) | | ● | | | | | | ● | |
| 193 | 130-0010-4-71 | HR30-6P-6S(71) | 130-0010-4-31 | HR30-6P-6S(31) | | ● | | | | | | ● | |
| 194 | 130-1012-5-71 | HR30-7R-10PC(71) | 130-1012-5-31 | HR30-7R-10PC(31) | | ● | | | | | | | |
| 195 | 130-1013-8-71 | HR30-7R-12PC(71) | 130-1013-8-31 | HR30-7R-12PC(31) | | ● | | | | | | | |
| 196 | 130-1014-0-71 | HR30-8R-12SC(71) | 130-1014-0-31 | HR30-8R-12SC(31) | | ● | | | | | | | |
| 197 | 130-1016-6-71 | HR30-7R-12P(71) | 130-1016-6-31 | HR30-7R-12P(31) | | ● | | | | | | | |
| 198 | 130-1017-9-71 | HR30-7R-12PD(71) | 130-1017-9-31 | HR30-7R-12PD(31) | | ● | | | | | | | |
| 199 | 130-1018-1-71 | HR30-8R-12S(71) | 130-1018-1-31 | HR30-8R-12S(31) | | ● | | | | | | | |
| 200 | 130-1018-1-72 | HR30-8R-12S(72) | 130-1018-1-32 | HR30-8R-12S(32) | | ● | | | | | | | |
| 201 | 130-1019-4-71 | HR30-8R-12SD(71) | 130-1019-4-31 | HR30-8R-12SD(31) | | ● | | | | | | | |
| 202 | 130-2009-6-71 | HR30-6J-6P(71) | 130-2009-6-31 | HR30-6J-6P(31) | | ● | | | | | | ● | |
| 203 | 130-3000-7-71 | HR30-6P-C(71) | 130-3000-7-31 | HR30-6P-C(31) | | | ● | | | | | | |
| 204 | 130-3001-0-71 | HR30-6R-C(71) | 130-3001-0-31 | HR30-6R-C(31) | | | ● | | | | | | |
| 205 | 130-3002-2-71 | HR30-7R-C(71) | 130-3002-2-31 | HR30-7R-C(31) | | | ● | | | | | | |
| 206 | 130-3003-5-71 | HR30-8P-C(71) | 130-3003-5-31 | HR30-8P-C(31) | | | ● | | | | | | |
| 207 | 130-3004-8-71 | HR30-7P-C(71) | 130-3004-8-31 | HR30-7P-C(31) | | | ● | | | | | | |
| 208 | 136-0001-1-00 | LF07WBP-6S | 136-0001-1-31 | LF07WBP-6S(31) | ● | | | | | | | | |
| 209 | 136-0001-1-06 | LF07WBP-6S(06) | 136-0001-1-38 | LF07WBP-6S(38) | ● | | | | | | | | |
| 210 | 136-0002-4-00 | LF07WBP-6P | 136-0002-4-31 | LF07WBP-6P(31) | ● | | | | | | | | |
| 211 | 136-0003-7-00 | LF07WBP-3S | 136-0003-7-31 | LF07WBP-3S(31) | ● | | | | | | | | |
| 212 | 136-0003-7-05 | LF07WBP-3S(05) | 136-0003-7-34 | LF07WBP-3S(34) | ● | | | | | | | | |
| 213 | 136-0004-0-00 | LF07WBP-3P | 136-0004-0-31 | LF07WBP-3P(31) | ● | | | | | | | | |
| 214 | 136-0005-2-00 | LF10WBP-4S | 136-0005-2-31 | LF10WBP-4S(31) | ● | | | | | | | | |
| 215 | 136-0006-5-00 | LF10WBP-4P | 136-0006-5-31 | LF10WBP-4P(31) | ● | | | | | | | | |
| 216 | 136-0007-8-00 | LF10WBP-12S | 136-0007-8-31 | LF10WBP-12S(31) | ● | | | | | | | | |
| 217 | 136-0007-8-03 | LF10WBP-12S(03) | 136-0007-8-33 | LF10WBP-12S(33) | ● | | | | | | | | |
| 218 | 136-0007-8-06 | LF10WBP-12S(06) | 136-0007-8-36 | LF10WBP-12S(36) | ● | | | | | | | | |
| 219 | 136-0008-0-00 | LF10WBP-12P | 136-0008-0-31 | LF10WBP-12P(31) | ● | | | | | | | | |
| 220 | 136-0008-0-01 | LF10WBP-12P(01) | 136-0008-0-32 | LF10WBP-12P(32) | ● | | | | | | | | |
| 221 | 136-0008-0-02 | LF10WBP-12P(02) | 136-0008-0-36 | LF10WBP-12P(36) | ● | | | | | | | | |
| 222 | 136-0008-0-05 | LF10WBP-12P(05) | 136-0008-0-34 | LF10WBP-12P(34) | ● | | | | | | | | |
| 223 | 136-0008-0-06 | LF10WBP-12P(06) | 136-0008-0-35 | LF10WBP-12P(35) | ● | | | | | | | | |
| 224 | 136-0008-0-11 | LF10WBP-12P(11) | 136-0008-0-37 | LF10WBP-12P(37) | ● | | | | | | | | |
| 225 | 136-0013-0-00 | LF10WBLP-12SA | 136-0013-0-31 | LF10WBLP-12SA(31) | ● | | | | | | | | |
| 226 | 136-0014-3-00 | LF10WBPD-4S | 136-0014-3-31 | LF10WBPD-4S(31) | ● | | | | | | | | |
| 227 | 136-0014-3-08 | LF10WBPD-4S(08) | 136-0014-3-34 | LF10WBPD-4S(34) | ● | | | | | | | | |
| 228 | 136-0015-6-00 | LF10WBPD-12S | 136-0015-6-31 | LF10WBPD-12S(31) | ● | | | | | | | | |
| 229 | 136-0015-6-08 | LF10WBPD-12S(08) | 136-0015-6-34 | LF10WBPD-12S(34) | ● | | | | | | | | |
| 230 | 136-0016-0-00 | LF07WBP-6P-A | 136-0016-0-31 | LF07WBP-6P-A(31) | ● | | | | | | | | |
| 231 | 136-0016-0-05 | LF07WBP-6P-A(05) | 136-0016-0-34 | LF07WBP-6P-A(34) | ● | | | | | | | | |
| 232 | 136-0017-1-00 | LF10WBPD-4P | 136-0017-1-31 | LF10WBPD-4P(31) | ● | | | | | | | | |
| 233 | 136-0018-4-00 | LF10WBPD-12P | 136-0018-4-31 | LF10WBPD-12P(31) | ● | | | | | | | | |
| 234 | 136-0018-4-06 | LF10WBPD-12P(06) | 136-0018-4-35 | LF10WBPD-12P(35) | ● | | | | | | | | |
| 235 | 136-0018-4-08 | LF10WBPD-12P(08) | 136-0018-4-34 | LF10WBPD-12P(34) | ● | | | | | | | | |
| 236 | 136-0020-6-00 | LF07WBPD-6S | 136-0020-6-31 | LF07WBPD-6S(31) | ● | | | | | | | | |
| 237 | 136-0020-6-03 | LF07WBPD-6S(03) | 136-0020-6-33 | LF07WBPD-6S(33) | ● | | | | | | | | |
| 238 | 136-0022-1-00 | LF07WBPL-6PA | 136-0022-1-31 | LF07WBPL-6PA(31) | ● | | | | | | | | |
| 239 | 136-0024-7-00 | LF10WBPF-12P | 136-0024-7-31 | LF10WBPF-12P(31) | ● | | | | | | | | |
| 240 | 136-0025-0-00 | LF10WBLP-12PA | 136-0025-0-31 | LF10WBLP-12PA(31) | ● | | | | | | | | |
| 241 | 136-0027-5-00 | LF10WBP-4S-B | 136-0027-5-31 | LF10WBP-4S-B(31) | ● | | | | | | | | |
| 242 | 136-0029-0-00 | LF07WBP-6S-A | 136-0029-0-31 | LF07WBP-6S-A(31) | ● | | | | | | | | |
| 243 | 136-0029-0-05 | LF07WBP-6S-A(05) | 136-0029-0-34 | LF07WBP-6S-A(34) | ● | | | | | | | | |
| 244 | 136-0035-0-00 | LF10WBPG-12P | 136-0035-0-31 | LF10WBPG-12P(31) | ● | | | | | | | | |
| 245 | 136-0036-0-00 | LF10WBPG-12S | 136-0036-0-31 | LF10WBPG-12S(31) | ● | | | | | | | | |
| 246 | 136-1020-1-00 | LF10WBR-4P-B | 136-1020-1-31 | LF10WBR-4P-B(31) | ● | | | | | | | | |
| 247 | 136-1021-0-00 | LF07WBRB-6PD-A | 136-1021-0-31 | LF07WBRB-6PD-A(31) | ● | | | | | | | | |
| 248 | 136-1022-0-00 | LF07WBRB-6SD-A | 136-1022-0-31 | LF07WBRB-6SD-A(31) | ● | | | | | | | | |
| 249 | 136-3001-8-01 | LF10WBR-C(01) | 136-3001-8-31 | LF10WBR-C(31) | | ● | | | | | | | |
| 250 | 136-3003-3-01 | LF13WBR-C(01) | 136-3003-3-31 | LF13WBR-C(31) | | ● | | | | | | | |
| 251 | 136-3008-7-01 | LF07WBR-C(01) | 136-3008-7-31 | LF07WBR-C(31) | | ● | | | | | | | |
| 252 | 230-1021-4-50 | DX30A-36P-JE280(50) | 230-1021-4-51 | DX30A-36P-JE280(51) | | | | | ● | | | ● | |
| 253 | 236-2062-5-00 | PQ50WT-6U-FL | 236-2062-5-51 | PQ50WT-6U-FL(51) | ● | ● | | | | | | | |
| 254 | 236-2065-3-00 | PQWT-CM(33.0) | 236-2065-3-51 | PQWT-CM(33.0)(51) | ● | ● | | | | | | | |
| 255 | 236-2090-0-00 | PQ50WA-2U-FL | 236-2090-0-51 | PQ50WA-2U-FL(51) | ● | ● | | | | | | | |
| 256 | 236-2096-0-00 | PQ50WA-2UA-FL | 236-2096-0-51 | PQ50WA-2UA-FL(51) | ● | ● | | | | | | | |
| 257 | 248-0002-2-11 | MT50W-8A/6BS-CVL(9.0)(11) | 248-0002-2-51 | MT50W-8A/6BS-CVL(9.0)(51) | | ● | | | | | | ● | |
| 258 | 301-0199-3-40 | N-P-5DW(40) | 301-0199-3-31 | N-P-5DW(31) | | ● | | | | | | | |
| 259 | 301-0199-3-41 | N-P-5DW(41) | 301-0199-3-32 | N-P-5DW(32) | | ● | | | | | | | |
| 260 | 301-0206-7-40 | N-P-10DFB(40) | 301-0206-7-31 | N-P-10DFB(31) | | ● | | | | | | | |
| 261 | 311-0055-0-40 | SP-BNCP(40) | 311-0055-0-31 | SP-BNCP(31) | | ● | | | | | | | |
| 262 | 311-0058-9-40 | SP-BNCP(40) | 311-0058-9-31 | SP-BNCP(31) | | ● | | | | | | | |
| 263 | 311-0092-7-40 | HRM-508(40) | 311-0092-7-31 | HRM-508(31) | | ● | | | | | | | |
| 264 | 311-0093-0-40 | HRM-509(40) | 311-0093-0-31 | HRM-509(31) | | ● | | | | | | | |
| 265 | 311-0141-0-40 | HRM-508S(40) | 311-0141-0-31 | HRM-508S(31) | | ● | | | | | | | |
| 266 | 311-0142-3-40 | HRM-509S(40) | 311-0142-3-31 | HRM-509S(31) | | ● | | | | | | | |
| 267 | 311-0266-6-40 | NJ-PODJ-WPA(40) | 311-0266-6-31 | NJ-PODJ-WPA(31) | ● | | | | | | | | |
| 268 | 312-0112-9-40 | PO73-MP-3CW(40) | 312-0112-9-31 | PO73-MP-3CW(31) | | | | ● | | | | | |
| 269 | 352-0002-0-40 | HDH-00803GHD(40) | 352-0002-0-31 | HDH-00803GHD(31) | | | | | | | ● | | |
| 270 | 352-0004-5-40 | HDH-00810GID(40) | 352-0004-5-31 | HDH-00810GID(31) | | | | | | | ● | | |

| No. | Current product | | Replacement product | | Affected parts of material change | | | | | | | | |
|-----|-----------------|---------------------------|---------------------|---------------------------|-----------------------------------|----------------|-----|--------------|-------|---------|--------|----------------|------------------------------|
| | Product code | Product name | Product code | Product name | O ring | Packing Gasket | Cap | Code Pushing | Cable | Packing | Others | Resin material | Color tone of Resin material |
| 453 | 538-0045-2-55 | DF14A-30P-1.25H(55) | 538-0045-2-54 | DF14A-30P-1.25H(54) | | | | | | ● | | | |
| 454 | 538-0084-4-25 | DF14-15P-1.25H(25) | 538-0084-4-24 | DF14-15P-1.25H(24) | | | | | | ● | | | |
| 455 | 538-0084-4-55 | DF14-15P-1.25H(55) | 538-0084-4-54 | DF14-15P-1.25H(54) | | | | | | ● | | | |
| 456 | 538-0089-8-25 | DF14-20P-1.25H(25) | 538-0089-8-24 | DF14-20P-1.25H(24) | | | | | | ● | | | |
| 457 | 538-0089-8-55 | DF14-20P-1.25H(55) | 538-0089-8-54 | DF14-20P-1.25H(54) | | | | | | ● | | | |
| 458 | 538-0094-8-25 | DF14-25P-1.25H(25) | 538-0094-8-24 | DF14-25P-1.25H(24) | | | | | | ● | | | |
| 459 | 538-0094-8-55 | DF14-25P-1.25H(55) | 538-0094-8-54 | DF14-25P-1.25H(54) | | | | | | ● | | | |
| 460 | 538-0114-3-25 | DF14A-15P-1.25H(25) | 538-0114-3-24 | DF14A-15P-1.25H(24) | | | | | | ● | | | |
| 461 | 538-0114-3-55 | DF14A-15P-1.25H(55) | 538-0114-3-54 | DF14A-15P-1.25H(54) | | | | | | ● | | | |
| 462 | 538-0119-7-25 | DF14A-20P-1.25H(25) | 538-0119-7-24 | DF14A-20P-1.25H(24) | | | | | | ● | | | |
| 463 | 538-0119-7-55 | DF14A-20P-1.25H(55) | 538-0119-7-54 | DF14A-20P-1.25H(54) | | | | | | ● | | | |
| 464 | 538-0124-7-25 | DF14A-25P-1.25H(25) | 538-0124-7-24 | DF14A-25P-1.25H(24) | | | | | | ● | | | |
| 465 | 538-9001-0-00 | DF14-2628SF1571-26A9-300 | 538-9001-0-05 | DF14-2628S1-26A9-300(05) | | | | | ● | | | | |
| 466 | 543-0315-0-20 | DF3EA-2P-2V(20) | 543-0315-0-24 | DF3EA-2P-2V(24) | | | | | | ● | | | |
| 467 | 543-0315-0-50 | DF3EA-2P-2V(50) | 543-0315-0-54 | DF3EA-2P-2V(54) | | | | | | ● | | | |
| 468 | 543-0316-0-50 | DF3EA-3P-2V(50) | 543-0316-0-54 | DF3EA-3P-2V(54) | | | | | | ● | | | |
| 469 | 543-0317-0-20 | DF3EA-4P-2V(20) | 543-0317-0-24 | DF3EA-4P-2V(24) | | | | | | ● | | | |
| 470 | 543-0319-0-20 | DF3EA-6P-2V(20) | 543-0319-0-24 | DF3EA-6P-2V(24) | | | | | | ● | | | |
| 471 | 543-0319-0-50 | DF3EA-6P-2V(50) | 543-0319-0-54 | DF3EA-6P-2V(54) | | | | | | ● | | | |
| 472 | 543-0320-0-20 | DF3EA-7P-2V(20) | 543-0320-0-24 | DF3EA-7P-2V(24) | | | | | | ● | | | |
| 473 | 543-0329-0-20 | DF3EA-2P-2H(20) | 543-0329-0-24 | DF3EA-2P-2H(24) | | | | | | ● | | | |
| 474 | 543-0330-0-20 | DF3EA-3P-2H(20) | 543-0330-0-24 | DF3EA-3P-2H(24) | | | | | | ● | | | |
| 475 | 543-0331-0-20 | DF3EA-4P-2H(20) | 543-0331-0-24 | DF3EA-4P-2H(24) | | | | | | ● | | | |
| 476 | 543-0331-0-50 | DF3EA-4P-2H(50) | 543-0331-0-54 | DF3EA-4P-2H(54) | | | | | | ● | | | |
| 477 | 543-0335-0-50 | DF3EA-8P-2H(50) | 543-0335-0-54 | DF3EA-8P-2H(54) | | | | | | ● | | | |
| 478 | 543-0340-0-50 | DF3EA-13P-2H(50) | 543-0340-0-54 | DF3EA-13P-2H(54) | | | | | | ● | | | |
| 479 | 543-0342-0-50 | DF3EA-15P-2H(50) | 543-0342-0-54 | DF3EA-15P-2H(54) | | | | | | ● | | | |
| 480 | 543-0343-0-20 | DF3E-2P-2H(20) | 543-0343-0-24 | DF3E-2P-2H(24) | | | | | | ● | | | |
| 481 | 543-0343-0-50 | DF3E-2P-2H(50) | 543-0343-0-54 | DF3E-2P-2H(54) | | | | | | ● | | | |
| 482 | 543-0344-0-20 | DF3E-3P-2H(20) | 543-0344-0-24 | DF3E-3P-2H(24) | | | | | | ● | | | |
| 483 | 543-0344-0-50 | DF3E-3P-2H(50) | 543-0344-0-54 | DF3E-3P-2H(54) | | | | | | ● | | | |
| 484 | 543-0345-0-20 | DF3E-4P-2H(20) | 543-0345-0-24 | DF3E-4P-2H(24) | | | | | | ● | | | |
| 485 | 543-0345-0-50 | DF3E-4P-2H(50) | 543-0345-0-54 | DF3E-4P-2H(54) | | | | | | ● | | | |
| 486 | 543-0346-0-20 | DF3E-5P-2H(20) | 543-0346-0-24 | DF3E-5P-2H(24) | | | | | | ● | | | |
| 487 | 543-0346-0-50 | DF3E-5P-2H(50) | 543-0346-0-54 | DF3E-5P-2H(54) | | | | | | ● | | | |
| 488 | 543-0347-0-20 | DF3E-6P-2H(20) | 543-0347-0-24 | DF3E-6P-2H(24) | | | | | | ● | | | |
| 489 | 543-0347-0-50 | DF3E-6P-2H(50) | 543-0347-0-54 | DF3E-6P-2H(54) | | | | | | ● | | | |
| 490 | 543-0348-0-20 | DF3E-7P-2H(20) | 543-0348-0-24 | DF3E-7P-2H(24) | | | | | | ● | | | |
| 491 | 543-0349-0-50 | DF3E-8P-2H(50) | 543-0349-0-54 | DF3E-8P-2H(54) | | | | | | ● | | | |
| 492 | 543-0351-0-20 | DF3E-10P-2H(20) | 543-0351-0-24 | DF3E-10P-2H(24) | | | | | | ● | | | |
| 493 | 543-0351-0-50 | DF3E-10P-2H(50) | 543-0351-0-54 | DF3E-10P-2H(54) | | | | | | ● | | | |
| 494 | 543-0355-0-20 | DF3E-14P-2H(20) | 543-0355-0-24 | DF3E-14P-2H(24) | | | | | | ● | | | |
| 495 | 543-0357-0-20 | DF3E-2P-2V(20) | 543-0357-0-24 | DF3E-2P-2V(24) | | | | | | ● | | | |
| 496 | 543-0357-0-50 | DF3E-2P-2V(50) | 543-0357-0-54 | DF3E-2P-2V(54) | | | | | | ● | | | |
| 497 | 543-0358-0-20 | DF3E-3P-2V(20) | 543-0358-0-24 | DF3E-3P-2V(24) | | | | | | ● | | | |
| 498 | 543-0358-0-50 | DF3E-3P-2V(50) | 543-0358-0-54 | DF3E-3P-2V(54) | | | | | | ● | | | |
| 499 | 543-0359-0-20 | DF3E-4P-2V(20) | 543-0359-0-24 | DF3E-4P-2V(24) | | | | | | ● | | | |
| 500 | 543-0359-0-50 | DF3E-4P-2V(50) | 543-0359-0-54 | DF3E-4P-2V(54) | | | | | | ● | | | |
| 501 | 543-0360-0-20 | DF3E-5P-2V(20) | 543-0360-0-24 | DF3E-5P-2V(24) | | | | | | ● | | | |
| 502 | 543-0360-0-50 | DF3E-5P-2V(50) | 543-0360-0-54 | DF3E-5P-2V(54) | | | | | | ● | | | |
| 503 | 543-0361-0-20 | DF3E-6P-2V(20) | 543-0361-0-24 | DF3E-6P-2V(24) | | | | | | ● | | | |
| 504 | 543-0361-0-50 | DF3E-6P-2V(50) | 543-0361-0-54 | DF3E-6P-2V(54) | | | | | | ● | | | |
| 505 | 543-0362-0-20 | DF3E-7P-2V(20) | 543-0362-0-24 | DF3E-7P-2V(24) | | | | | | ● | | | |
| 506 | 543-0362-0-50 | DF3E-7P-2V(50) | 543-0362-0-54 | DF3E-7P-2V(54) | | | | | | ● | | | |
| 507 | 543-0363-0-20 | DF3E-8P-2V(20) | 543-0363-0-24 | DF3E-8P-2V(24) | | | | | | ● | | | |
| 508 | 543-0363-0-50 | DF3E-8P-2V(50) | 543-0363-0-54 | DF3E-8P-2V(54) | | | | | | ● | | | |
| 509 | 543-0364-0-20 | DF3E-9P-2V(20) | 543-0364-0-24 | DF3E-9P-2V(24) | | | | | | ● | | | |
| 510 | 543-0365-0-20 | DF3E-10P-2V(20) | 543-0365-0-24 | DF3E-10P-2V(24) | | | | | | ● | | | |
| 511 | 543-0365-0-50 | DF3E-10P-2V(50) | 543-0365-0-54 | DF3E-10P-2V(54) | | | | | | ● | | | |
| 512 | 543-0367-0-20 | DF3E-12P-2V(20) | 543-0367-0-24 | DF3E-12P-2V(24) | | | | | | ● | | | |
| 513 | 543-0367-0-50 | DF3E-12P-2V(50) | 543-0367-0-54 | DF3E-12P-2V(54) | | | | | | ● | | | |
| 514 | 543-0370-0-50 | DF3E-15P-2V(50) | 543-0370-0-54 | DF3E-15P-2V(54) | | | | | | ● | | | |
| 515 | 543-9001-0-00 | DF3-2428SF1007-24A9-300 | 543-9001-0-05 | DF3-2428S2-24A9-300(05) | | | | | ● | | | | |
| 516 | 543-9500-0-00 | DF11-2428SF1007-24A9-300 | 543-9500-0-05 | DF11-2428S2-24A9-300(05) | | | | | ● | | | | |
| 517 | 578-0801-2-91 | FX8C-60S-SV(91) | 578-0801-2-68 | FX8C-60S-SV(68) | | | | | | ● | | | |
| 518 | 578-0803-8-91 | FX8C-80S-SV(91) | 578-0803-8-68 | FX8C-80S-SV(68) | | | | | | ● | | | |
| 519 | 578-0805-3-91 | FX8C-100S-SV(91) | 578-0805-3-68 | FX8C-100S-SV(68) | | | | | | ● | | | |
| 520 | 578-0806-6-91 | FX8C-120S-SV(91) | 578-0806-6-68 | FX8C-120S-SV(68) | | | | | | ● | | | |
| 521 | 578-0807-9-91 | FX8C-140S-SV(91) | 578-0807-9-68 | FX8C-140S-SV(68) | | | | | | ● | | | |
| 522 | 682-4456-5-20 | WNK-00002(20) | 682-4456-5-31 | WNK-00002(31) | | | | | | ● | | | |
| 523 | 682-5247-0-00 | WNO-00154 | 682-5247-0-31 | WNO-00154(31) | | | | | | ● | | | |
| 524 | 682-5248-3-00 | WNO-00155 | 682-5248-3-31 | WNO-00155(31) | | | | | | ● | | | |
| 525 | 682-5258-7-00 | WNT-00279 | 682-5258-7-31 | WNT-00279(31) | | | | | | ● | | | |
| 526 | 682-5327-8-00 | WNT-00331 | 682-5327-8-31 | WNT-00331(31) | | | | | | ● | | | |
| 527 | 682-5334-3-00 | WNT-00333 | 682-5334-3-31 | WNT-00333(31) | | | | | | ● | | | |
| 528 | 682-5336-9-00 | WN6-00195 | 682-5336-9-31 | WN6-00195(31) | | | | | | ● | | | |
| 529 | 682-5344-7-00 | WN4-00021 | 682-5344-7-31 | WN4-00021(31) | | | | | | ● | | | |
| 530 | 682-5346-2-00 | WNY-00525 | 682-5346-2-31 | WNY-00525(31) | | | | | | ● | | | |
| 531 | 682-5349-0-00 | WNY-00531 | 682-5349-0-31 | WNY-00531(31) | | | | | | ● | | | |
| 532 | 701-0001-7-44 | HRFC-P1-H(44) | 701-0001-7-34 | HRFC-P1-H(34) | | | | | | ● | | | |
| 533 | 701-0001-7-60 | HRFC-P1-H(60) | 701-0001-7-31 | HRFC-P1-H(31) | | | | | | ● | | | |
| 534 | 701-0001-7-61 | HRFC-P1-H(61) | 701-0001-7-32 | HRFC-P1-H(32) | | | | | | ● | | | |
| 535 | 701-0001-7-63 | HRFC-P1-H(63) | 701-0001-7-33 | HRFC-P1-H(33) | | | | | | ● | | | |
| 536 | 701-1072-0-21 | HRFC-SP2-F3B4-A-0.81M(21) | 701-1072-0-31 | HRFC-SP2-F3B4-A-0.81M(31) | | | | | | ● | | | |
| 537 | 701-1072-0-22 | HRFC-SP2-F3B4-A-8M | 701-1072-0-32 | HRFC-SP2-F3B4-A-8M(32) | | | | | | ● | | | |
| 538 | 701-1076-1-00 | HRFC-SP2-F3P-A2-1M | 701-1076-1-31 | HRFC-SP2-F3P-A2-1M(31) | | | | | | ● | | | |
| 539 | 701-1077-4-00 | HRFC-SP2-F3P-A3-1M | 701-1077-4-31 | HRFC-SP2-F3P-A3-1M(31) | | | | | | ● | | | |
| 540 | 701-1078-7-00 | HRFC-SP2-F3P-A4-6M | 701-1078-7-31 | HRFC-SP2-F3P-A4-6M(31) | | | | | | ● | | | |
| 541 | 701-1079-0-00 | HRFC-SP2-F3P-A5-3M | 701-1079-0-31 | HRFC-SP2-F3P-A5-3M(31) | | | | | | ● | | | |
| 542 | 701-1079-0-01 | HRFC-SP2-F3P-A5-1M | 701-1079-0-32 | HRFC-SP2-F3P-A5-1M(32) | | | | | | ● | | | |
| 543 | 704-0061-8-40 | HSC-C2(40) | 704-0061-8-31 | HSC-C2(31) | | | | | | ● | | | |

| No. | Current product | | Replacement product | | Affected parts of material change | | | | | | | | |
|-----|-----------------|--------------------------|---------------------|---------------------------|-----------------------------------|----------------|-----|--------------|-------|---------|--------|----------------|------------------------------|
| | Product code | Product name | Product code | Product name | O ring | Packing Gasket | Cap | Code Pushing | Cable | Packing | Others | Resin material | Color tone of Resin material |
| 635 | 709-0629-4-10 | MF10SWP13-NC-80M | 709-0636-0-10 | MF10SWP13-NCR-80M | ● | | | | | | | | |
| 636 | 709-0629-4-11 | MF10SWP13-NC-90M | 709-0636-0-11 | MF10SWP13-NCR-90M | ● | | | | | | | | |
| 637 | 709-0629-4-12 | MF10SWP13-NC-95M | 709-0636-0-12 | MF10SWP13-NCR-95M | ● | | | | | | | | |
| 638 | 709-0629-4-13 | MF10SWP13-NC-100M | 709-0636-0-13 | MF10SWP13-NCR-100M | ● | | | | | | | | |
| 639 | 709-0629-4-14 | MF10SWP13-NC-105M | 709-0636-0-14 | MF10SWP13-NCR-105M | ● | | | | | | | | |
| 640 | 709-0629-4-15 | MF10SWP13-NC-110M | 709-0636-0-15 | MF10SWP13-NCR-110M | ● | | | | | | | | |
| 641 | 709-0629-4-16 | MF10SWP13-NC-115M | 709-0636-0-16 | MF10SWP13-NCR-115M | ● | | | | | | | | |
| 642 | 709-0629-4-17 | MF10SWP13-NC-120M | 709-0636-0-17 | MF10SWP13-NCR-120M | ● | | | | | | | | |
| 643 | 709-0629-4-18 | MF10SWP13-NC-125M | 709-0636-0-18 | MF10SWP13-NCR-125M | ● | | | | | | | | |
| 644 | 709-0629-4-19 | MF10SWP13-NC-130M | 709-0636-0-19 | MF10SWP13-NCR-130M | ● | | | | | | | | |
| 645 | 709-0629-4-20 | MF10SWP13-NC-135M | 709-0636-0-20 | MF10SWP13-NCR-135M | ● | | | | | | | | |
| 646 | 709-0629-4-21 | MF10SWP13-NC-140M | 709-0636-0-21 | MF10SWP13-NCR-140M | ● | | | | | | | | |
| 647 | 709-0629-4-22 | MF10SWP13-NC-145M | 709-0636-0-22 | MF10SWP13-NCR-145M | ● | | | | | | | | |
| 648 | 709-0629-4-23 | MF10SWP13-NC-150M | 709-0636-0-23 | MF10SWP13-NCR-150M | ● | | | | | | | | |
| 649 | 709-0629-4-24 | MF10SWP13-NC-160M | 709-0636-0-24 | MF10SWP13-NCR-160M | ● | | | | | | | | |
| 650 | 709-0629-4-25 | MF10SWP13-NC-165M | 709-0636-0-25 | MF10SWP13-NCR-165M | ● | | | | | | | | |
| 651 | 709-0629-4-26 | MF10SWP13-NC-170M | 709-0636-0-26 | MF10SWP13-NCR-170M | ● | | | | | | | | |
| 652 | 709-0629-4-27 | MF10SWP13-NC-180M | 709-0636-0-27 | MF10SWP13-NCR-180M | ● | | | | | | | | |
| 653 | 709-0629-4-28 | MF10SWP13-NC-185M | 709-0636-0-28 | MF10SWP13-NCR-185M | ● | | | | | | | | |
| 654 | 709-0629-4-29 | MF10SWP13-NC-190M | 709-0636-0-29 | MF10SWP13-NCR-190M | ● | | | | | | | | |
| 655 | 709-0629-4-30 | MF10SWP13-NC-195M | 709-0636-0-30 | MF10SWP13-NCR-195M | ● | | | | | | | | |
| 656 | 709-0629-4-31 | MF10SWP13-NC-200M | 709-0636-0-31 | MF10SWP13-NCR-200M | ● | | | | | | | | |
| 657 | 709-0629-4-32 | MF10SWP13-NC-205M | 709-0636-0-32 | MF10SWP13-NCR-205M | ● | | | | | | | | |
| 658 | 709-0629-4-33 | MF10SWP13-NC-210M | 709-0636-0-33 | MF10SWP13-NCR-210M | ● | | | | | | | | |
| 659 | 709-0629-4-34 | MF10SWP13-NC-215M | 709-0636-0-34 | MF10SWP13-NCR-215M | ● | | | | | | | | |
| 660 | 709-0629-4-35 | MF10SWP13-NC-220M | 709-0636-0-35 | MF10SWP13-NCR-220M | ● | | | | | | | | |
| 661 | 709-0629-4-36 | MF10SWP13-NC-225M | 709-0636-0-36 | MF10SWP13-NCR-225M | ● | | | | | | | | |
| 662 | 709-0629-4-37 | MF10SWP13-NC-230M | 709-0636-0-37 | MF10SWP13-NCR-230M | ● | | | | | | | | |
| 663 | 709-0629-4-38 | MF10SWP13-NC-240M | 709-0636-0-38 | MF10SWP13-NCR-240M | ● | | | | | | | | |
| 664 | 709-0629-4-39 | MF10SWP13-NC-245M | 709-0636-0-39 | MF10SWP13-NCR-245M | ● | | | | | | | | |
| 665 | 709-0629-4-40 | MF10SWP13-NC-250M | 709-0636-0-40 | MF10SWP13-NCR-250M | ● | | | | | | | | |
| 666 | 709-0629-4-41 | MF10SWP13-NC-255M | 709-0636-0-41 | MF10SWP13-NCR-255M | ● | | | | | | | | |
| 667 | 709-0629-4-42 | MF10SWP13-NC-260M | 709-0636-0-42 | MF10SWP13-NCR-260M | ● | | | | | | | | |
| 668 | 709-0629-4-43 | MF10SWP13-NC-270M | 709-0636-0-43 | MF10SWP13-NCR-270M | ● | | | | | | | | |
| 669 | 709-0629-4-44 | MF10SWP13-NC-275M | 709-0636-0-44 | MF10SWP13-NCR-275M | ● | | | | | | | | |
| 670 | 709-0629-4-45 | MF10SWP13-NC-276M | 709-0636-0-45 | MF10SWP13-NCR-276M | ● | | | | | | | | |
| 671 | 709-0629-4-46 | MF10SWP13-NC-280M | 709-0636-0-46 | MF10SWP13-NCR-280M | ● | | | | | | | | |
| 672 | 709-0629-4-47 | MF10SWP13-NC-290M | 709-0636-0-47 | MF10SWP13-NCR-290M | ● | | | | | | | | |
| 673 | 709-0629-4-48 | MF10SWP13-NC-300M | 709-0636-0-48 | MF10SWP13-NCR-300M | ● | | | | | | | | |
| 674 | 709-0629-4-49 | MF10SWP13-NC-305M | 709-0636-0-49 | MF10SWP13-NCR-305M | ● | | | | | | | | |
| 675 | 709-0629-4-50 | MF10SWP13-NC-310M | 709-0636-0-50 | MF10SWP13-NCR-310M | ● | | | | | | | | |
| 676 | 709-0629-4-51 | MF10SWP13-NC-320M | 709-0636-0-51 | MF10SWP13-NCR-320M | ● | | | | | | | | |
| 677 | 709-0629-4-52 | MF10SWP13-NC-325M | 709-0636-0-52 | MF10SWP13-NCR-325M | ● | | | | | | | | |
| 678 | 709-0629-4-53 | MF10SWP13-NC-330M | 709-0636-0-53 | MF10SWP13-NCR-330M | ● | | | | | | | | |
| 679 | 709-0629-4-54 | MF10SWP13-NC-335M | 709-0636-0-54 | MF10SWP13-NCR-335M | ● | | | | | | | | |
| 680 | 709-0629-4-55 | MF10SWP13-NC-345M | 709-0636-0-55 | MF10SWP13-NCR-345M | ● | | | | | | | | |
| 681 | 709-0629-4-56 | MF10SWP13-NC-350M | 709-0636-0-56 | MF10SWP13-NCR-350M | ● | | | | | | | | |
| 682 | 709-0629-4-57 | MF10SWP13-NC-355M | 709-0636-0-57 | MF10SWP13-NCR-355M | ● | | | | | | | | |
| 683 | 709-0629-4-58 | MF10SWP13-NC-360M | 709-0636-0-58 | MF10SWP13-NCR-360M | ● | | | | | | | | |
| 684 | 709-0629-4-59 | MF10SWP13-NC-365M | 709-0636-0-59 | MF10SWP13-NCR-365M | ● | | | | | | | | |
| 685 | 709-0629-4-60 | MF10SWP13-NC-370M | 709-0636-0-60 | MF10SWP13-NCR-370M | ● | | | | | | | | |
| 686 | 709-0629-4-61 | MF10SWP13-NC-380M | 709-0636-0-61 | MF10SWP13-NCR-380M | ● | | | | | | | | |
| 687 | 709-0629-4-62 | MF10SWP13-NC-385M | 709-0636-0-62 | MF10SWP13-NCR-385M | ● | | | | | | | | |
| 688 | 709-0629-4-63 | MF10SWP13-NC-400M | 709-0636-0-63 | MF10SWP13-NCR-400M | ● | | | | | | | | |
| 689 | 709-0629-4-64 | MF10SWP13-NC-410M | 709-0636-0-64 | MF10SWP13-NCR-410M | ● | | | | | | | | |
| 690 | 709-0629-4-65 | MF10SWP13-NC-420M | 709-0636-0-65 | MF10SWP13-NCR-420M | ● | | | | | | | | |
| 691 | 709-0629-4-66 | MF10SWP13-NC-445M | 709-0636-0-66 | MF10SWP13-NCR-445M | ● | | | | | | | | |
| 692 | 709-0629-4-67 | MF10SWP13-NC-460M | 709-0636-0-67 | MF10SWP13-NCR-460M | ● | | | | | | | | |
| 693 | 709-0629-4-68 | MF10SWP13-NC-485M | 709-0636-0-68 | MF10SWP13-NCR-485M | ● | | | | | | | | |
| 694 | 709-1004-1-00 | MF10B-WP6.5C01-0200 | 709-1004-1-31 | MF10B-WP6.5C01-0200(31) | ● | ● | | | | | | | |
| 695 | 709-1004-1-01 | MF10B-WP6.5C01-0200(01) | 709-1004-1-32 | MF10B-WP6.5C01-0200(32) | ● | ● | ● | | | | | | |
| 696 | 709-1004-1-60 | MF10B-WP6.5C01-0200(60) | 709-1004-1-33 | MF10B-WP6.5C01-0200(33) | ● | ● | ● | | | | | | |
| 697 | 709-1004-1-61 | MF10B-WP6.5C01-0200(61) | 709-1004-1-34 | MF10B-WP6.5C01-0200(34) | ● | ● | ● | | | | | | |
| 698 | 709-1005-4-00 | MF10B-WRF01-0200 | 709-1005-4-31 | MF10B-WRF01-0200(31) | ● | | | | | | | ● | |
| 699 | 709-1005-4-60 | MF10B-WRF01-0200(60) | 709-1005-4-32 | MF10B-WRF01-0200(32) | ● | | | | | | | ● | |
| 700 | 709-1007-0-00 | MF10B-WP6.5CH01-0200 | 709-1007-0-31 | MF10B-WP6.5CH01-0200(31) | ● | ● | | | | | | ● | |
| 701 | 709-1007-0-60 | MF10B-WP6.5CH01-0200(60) | 709-1007-0-32 | MF10B-WP6.5CH01-0200(32) | ● | ● | | | | | | ● | |
| 702 | 709-1008-2-00 | MF10B-WRFH01-0200 | 709-1008-2-31 | MF10B-WRFH01-0200(31) | ● | | | | | | | ● | |
| 703 | 709-1008-2-60 | MF10B-WRFH01-0200(60) | 709-1008-2-32 | MF10B-WRFH01-0200(32) | ● | | | | | | | ● | |
| 704 | 709-1009-5-00 | MF10B-WRFT01-0200 | 709-1009-5-31 | MF10B-WRFT01-0200(31) | ● | | | | | | | ● | |
| 705 | 709-1009-5-60 | MF10B-WRFT01-0200(60) | 709-1009-5-32 | MF10B-WRFT01-0200(32) | ● | | | | | | | ● | |
| 706 | 709-1010-4-00 | MF10B-WRB01-0200 | 709-1010-4-31 | MF10B-WRB01-0200(31) | ● | | | | | | | ● | |
| 707 | 709-1010-4-60 | MF10B-WRB01-0200(60) | 709-1010-4-32 | MF10B-WRB01-0200(32) | ● | | | | | | | ● | |
| 708 | 709-1011-7-00 | MF10B-WJ6.5C01-0200 | 709-1011-7-31 | MF10B-WJ6.5C01-0200(31) | ● | ● | | | | | | ● | |
| 709 | 709-1011-7-01 | MF10B-WJ6.5C01-0200(01) | 709-1011-7-32 | MF10B-WJ6.5C01-0200(32) | ● | ● | | | | | | ● | |
| 710 | 709-1013-2-00 | MF10B-WRBC01-0200 | 709-1013-2-31 | MF10B-WRBC01-0200(31) | ● | | | | | | | ● | |
| 711 | 709-1013-2-60 | MF10B-WRBC01-0200(60) | 709-1013-2-32 | MF10B-WRBC01-0200(32) | ● | | | | | | | ● | |
| 712 | 709-1014-5-00 | MF10B-WRFC01-0200 | 709-1014-5-31 | MF10B-WRFC01-0200(31) | ● | | | | | | | ● | |
| 713 | 709-1014-5-60 | MF10B-WRFC01-0200(60) | 709-1014-5-32 | MF10B-WRFC01-0200(32) | ● | | | | | | | ● | |
| 714 | 709-1015-8-00 | MF10B-WP5CH01-0200 | 709-1015-8-31 | MF10B-WP5CH01-0200(31) | ● | ● | | | | | | ● | |
| 715 | 709-1015-8-60 | MF10B-WP5CH01-0200(60) | 709-1015-8-32 | MF10B-WP5CH01-0200(32) | ● | ● | | | | | | ● | |
| 716 | 709-1016-0-00 | MF10B-WP5CT01-0200 | 709-1016-0-31 | MF10B-WP5CT01-0200(31) | ● | ● | | | | | | ● | |
| 717 | 709-1016-0-60 | MF10B-WP5CT01-0200(60) | 709-1016-0-32 | MF10B-WP5CT01-0200(32) | ● | ● | | | | | | ● | |
| 718 | 709-1017-3-00 | MF10B-WP6.5CT01-0200 | 709-1017-3-31 | MF10B-WP6.5CT01-0200(31) | ● | ● | | | | | | ● | |
| 719 | 709-1017-3-60 | MF10B-WP6.5CT01-0200(60) | 709-1017-3-32 | MF10B-WP6.5CT01-0200(32) | ● | ● | | | | | | ● | |
| 720 | 709-1019-9-00 | MF10BWRFT01S-LC-0.21M | 709-1019-9-31 | MF10BWRFT01S-LC-0.21M(31) | ● | | | | | | | ● | |
| 721 | 709-1020-8-00 | MF10B-WP5C01-0200 | 709-1020-8-31 | MF10B-WP5C01-0200(31) | ● | ● | | | | | | ● | |
| 722 | 709-1020-8-60 | MF10B-WP5C01-0200(60) | 709-1020-8-32 | MF10B-WP5C01-0200(32) | ● | ● | | | | | | ● | |
| 723 | 709-1021-0-00 | MF10B-WP7CH01-0200 | 709-1021-0-31 | MF10B-WP7CH01-0200(31) | ● | ● | | | | | | ● | |
| 724 | 709-1021-0-60 | MF10B-WP7CH01-0200(60) | 709-1021-0-32 | MF10B-WP7CH01-0200(32) | ● | ● | | | | | | ● | |
| 725 | 709-1022-3-00 | MF10B-WP5SCH01-0200 | 709-1022-3-31 | MF10B-WP5SCH01-0200(31) | ● | ● | | | | | | ● | |

| No. | Current product | | Replacement product | | Affected parts of material change | | | | | | | | |
|-----|-----------------|---------------------------|---------------------|---------------------------|-----------------------------------|----------------|-----|--------------|-------|---------|--------|----------------|------------------------------|
| | Product code | Product name | Product code | Product name | O ring | Packing Gasket | Cap | Code Pushing | Cable | Packing | Others | Resin material | Color tone of Resin material |
| 726 | 709-1022-3-60 | MF10B-WPSS5CH01-0200(60) | 709-1022-3-32 | MF10B-WPSS5CH01-0200(32) | ● | ● | | | | | | | |
| 727 | 709-1023-6-00 | MF10B-WPS6.5CH01-0200 | 709-1023-6-31 | MF10B-WPS6.5CH01-0200(31) | ● | ● | | | | | | | |
| 728 | 709-1023-6-60 | MF10B-WPS6.5CH01-0200(60) | 709-1023-6-32 | MF10B-WPS6.5CH01-0200(32) | ● | ● | | | | | | | |
| 729 | 709-1024-9-00 | MF10B-WPS7CH01-0200 | 709-1024-9-31 | MF10B-WPS7CH01-0200(31) | ● | ● | | | | | | | |
| 730 | 709-1024-9-60 | MF10B-WPS7CH01-0200(60) | 709-1024-9-32 | MF10B-WPS7CH01-0200(32) | ● | ● | | | | | | | |
| 731 | 709-1025-1-00 | MF10B-WRBH01-0200 | 709-1025-1-31 | MF10B-WRBH01-0200(31) | ● | ● | | | | | | ● | |
| 732 | 709-1025-1-60 | MF10B-WRBH01-0200(60) | 709-1025-1-32 | MF10B-WRBH01-0200(32) | ● | ● | | | | | | ● | |
| 733 | 709-1026-4-00 | MF10B-WP7CT01-0200 | 709-1026-4-31 | MF10B-WP7CT01-0200(31) | ● | ● | | | | | | | |
| 734 | 709-1026-4-60 | MF10B-WP7CT01-0200(60) | 709-1026-4-32 | MF10B-WP7CT01-0200(32) | ● | ● | | | | | | | |
| 735 | 709-1027-7-00 | MF10B-WPSS5CT01-0200 | 709-1027-7-31 | MF10B-WPSS5CT01-0200(31) | ● | ● | | | | | | | |
| 736 | 709-1027-7-60 | MF10B-WPSS5CT01-0200(60) | 709-1027-7-32 | MF10B-WPSS5CT01-0200(32) | ● | ● | | | | | | | |
| 737 | 709-1028-0-00 | MF10B-WPS6.5CT01-0200 | 709-1028-0-31 | MF10B-WPS6.5CT01-0200(31) | ● | ● | | | | | | | |
| 738 | 709-1028-0-60 | MF10B-WPS6.5CT01-0200(60) | 709-1028-0-32 | MF10B-WPS6.5CT01-0200(32) | ● | ● | | | | | | | |
| 739 | 709-1029-2-00 | MF10B-WPS7CT01-0200 | 709-1029-2-31 | MF10B-WPS7CT01-0200(31) | ● | ● | | | | | | | |
| 740 | 709-1029-2-60 | MF10B-WPS7CT01-0200(60) | 709-1029-2-32 | MF10B-WPS7CT01-0200(32) | ● | ● | | | | | | | |
| 741 | 709-1030-1-00 | MF10B-WRBT01-0200 | 709-1030-1-31 | MF10B-WRBT01-0200(31) | ● | ● | | | | | | ● | |
| 742 | 709-1030-1-60 | MF10B-WRBT01-0200(60) | 709-1030-1-32 | MF10B-WRBT01-0200(32) | ● | ● | | | | | | ● | |
| 743 | 709-1031-4-00 | MF10B-U | 709-1031-4-31 | MF10B-U(31) | ● | ● | | | | | | ● | |
| 744 | 709-1032-7-00 | MF10B-WRFCH01-0200 | 709-1032-7-31 | MF10B-WRFCH01-0200(31) | ● | ● | | | | | | | |
| 745 | 709-1032-7-60 | MF10B-WRFCH01-0200(60) | 709-1032-7-32 | MF10B-WRFCH01-0200(32) | ● | ● | | | | | | | |
| 746 | 709-1033-0-00 | MF10B-WRBCH01-0200 | 709-1033-0-31 | MF10B-WRBCH01-0200(31) | ● | ● | | | | | | | |
| 747 | 709-1035-5-00 | MF10B-WJ6.5CH01-0200 | 709-1035-5-31 | MF10B-WJ6.5CH01-0200(31) | ● | ● | | | | | | ● | |
| 748 | 709-1035-5-01 | MF10B-WJ6.5CH01-0200(01) | 709-1035-5-32 | MF10B-WJ6.5CH01-0200(32) | ● | ● | | | | | | ● | |
| 749 | 709-1037-0-00 | MF10B-WJFH01-0200 | 709-1037-0-31 | MF10B-WJFH01-0200(31) | ● | ● | | | | | | ● | |
| 750 | 709-1038-3-00 | MF10BS-WPS6.5CH01-0200 | 709-1038-3-31 | MF10BS-WPS6.5CH01-0200-31 | ● | ● | | | | | | | |
| 751 | 709-1040-5-00 | MF10B-WP6.5CH02-0200 | 709-1040-5-31 | MF10B-WP6.5CH02-0200(31) | ● | ● | | | | | | | |
| 752 | 709-1040-5-60 | MF10B-WP6.5CH02-0200(60) | 709-1040-5-32 | MF10B-WP6.5CH02-0200(32) | ● | ● | | | | | | | |
| 753 | 709-1047-4-00 | MF10B-WP5CH02-0200 | 709-1047-4-31 | MF10B-WP5CH02-0200(31) | ● | ● | | | | | | | |
| 754 | 709-1047-4-60 | MF10B-WP5CH02-0200(60) | 709-1047-4-32 | MF10B-WP5CH02-0200(32) | ● | ● | | | | | | | |
| 755 | 709-1048-7-00 | MF10B-WPS6.5CH02-0200 | 709-1048-7-31 | MF10B-WPS6.5CH02-0200(31) | ● | ● | | | | | | | |
| 756 | 709-1503-1-00 | MF10BWPSH11-LC-25M | 709-1503-1-31 | MF10BWPSH11-LC-25M(31) | ● | ● | | | | | | | |
| 757 | 709-1504-4-00 | MF10BWPSH11-NC-LM | 709-1559-0-00 | MF10BWPSH11-NCR-LM | ● | ● | | | | | | | |
| 758 | 709-1504-4-01 | MF10BWPSH11-NC-LM(01) | 709-1559-0-01 | MF10BWPSH11-NCR-LM(01) | ● | ● | | | | | | | |
| 759 | 709-1504-4-02 | MF10BWPSH11-NC-LM(02) | 709-1559-0-02 | MF10BWPSH11-NCR-LM(02) | ● | ● | | | | | | | |
| 760 | 709-1504-4-03 | MF10BWPSH11-NC-LM(03) | 709-1559-0-03 | MF10BWPSH11-NCR-LM(03) | ● | ● | | | | | | | |
| 761 | 709-1504-4-04 | MF10BWPSH11-NC-LM(04) | 709-1559-0-04 | MF10BWPSH11-NCR-LM(04) | ● | ● | | | | | | | |
| 762 | 709-1504-4-05 | MF10BWPSH11-NC-LM(05) | 709-1559-0-05 | MF10BWPSH11-NCR-LM(05) | ● | ● | | | | | | | |
| 763 | 709-1504-4-06 | MF10BWPSH11-NC-LM(06) | 709-1559-0-06 | MF10BWPSH11-NCR-LM(06) | ● | ● | | | | | | | |
| 764 | 709-1504-4-07 | MF10BWPSH11-NC-LM(07) | 709-1559-0-07 | MF10BWPSH11-NCR-LM(07) | ● | ● | | | | | | | |
| 765 | 709-1504-4-08 | MF10BWPSH11-NC-LM(08) | 709-1559-0-08 | MF10BWPSH11-NCR-LM(08) | ● | ● | | | | | | | |
| 766 | 709-1504-4-09 | MF10BWPSH11-NC-LM(09) | 709-1559-0-09 | MF10BWPSH11-NCR-LM(09) | ● | ● | | | | | | | |
| 767 | 709-1504-4-10 | MF10BWPSH11-NC-LM(10) | 709-1559-0-10 | MF10BWPSH11-NCR-LM(10) | ● | ● | | | | | | | |
| 768 | 709-1504-4-11 | MF10BWPSH11-NC-LM(11) | 709-1559-0-11 | MF10BWPSH11-NCR-LM(11) | ● | ● | | | | | | | |
| 769 | 709-1504-4-12 | MF10BWPSH11-NC-LM(12) | 709-1559-0-12 | MF10BWPSH11-NCR-LM(12) | ● | ● | | | | | | | |
| 770 | 709-1504-4-13 | MF10BWPSH11-NC-LM(13) | 709-1559-0-13 | MF10BWPSH11-NCR-LM(13) | ● | ● | | | | | | | |
| 771 | 709-1504-4-14 | MF10BWPSH11-NC-LM(14) | 709-1559-0-14 | MF10BWPSH11-NCR-LM(14) | ● | ● | | | | | | | |
| 772 | 709-1504-4-15 | MF10BWPSH11-NC-LM(15) | 709-1559-0-15 | MF10BWPSH11-NCR-LM(15) | ● | ● | | | | | | | |
| 773 | 709-1504-4-20 | MF10BWPSH11-NC-LM(20) | 709-1559-0-20 | MF10BWPSH11-NCR-LM(20) | ● | ● | | | | | | | |
| 774 | 709-1504-4-25 | MF10BWPSH11-NC-LM(25) | 709-1559-0-25 | MF10BWPSH11-NCR-LM(25) | ● | ● | | | | | | | |
| 775 | 709-1504-4-30 | MF10BWPSH11-NC-LM(30) | 709-1559-0-30 | MF10BWPSH11-NCR-LM(30) | ● | ● | | | | | | | |
| 776 | 709-1504-4-35 | MF10BWPSH11-NC-LM(35) | 709-1559-0-35 | MF10BWPSH11-NCR-LM(35) | ● | ● | | | | | | | |
| 777 | 709-1504-4-40 | MF10BWPSH11-NC-LM(40) | 709-1559-0-40 | MF10BWPSH11-NCR-LM(40) | ● | ● | | | | | | | |
| 778 | 709-1504-4-45 | MF10BWPSH11-NC-LM(45) | 709-1559-0-45 | MF10BWPSH11-NCR-LM(45) | ● | ● | | | | | | | |
| 779 | 709-1504-4-50 | MF10BWPSH11-NC-LM(50) | 709-1559-0-50 | MF10BWPSH11-NCR-LM(50) | ● | ● | | | | | | | |
| 780 | 709-1504-4-55 | MF10BWPSH11-NC-LM(55) | 709-1559-0-55 | MF10BWPSH11-NCR-LM(55) | ● | ● | | | | | | | |
| 781 | 709-1504-4-60 | MF10BWPSH11-NC-LM(60) | 709-1559-0-60 | MF10BWPSH11-NCR-LM(60) | ● | ● | | | | | | | |
| 782 | 709-1504-4-65 | MF10BWPSH11-NC-LM(65) | 709-1559-0-65 | MF10BWPSH11-NCR-LM(65) | ● | ● | | | | | | | |
| 783 | 709-1504-4-70 | MF10BWPSH11-NC-LM(70) | 709-1559-0-70 | MF10BWPSH11-NCR-LM(70) | ● | ● | | | | | | | |
| 784 | 709-1504-4-75 | MF10BWPSH11-NC-LM(75) | 709-1559-0-75 | MF10BWPSH11-NCR-LM(75) | ● | ● | | | | | | | |
| 785 | 709-1504-4-80 | MF10BWPSH11-NC-LM(80) | 709-1559-0-80 | MF10BWPSH11-NCR-LM(80) | ● | ● | | | | | | | |
| 786 | 709-1504-4-85 | MF10BWPSH11-NC-LM(85) | 709-1559-0-85 | MF10BWPSH11-NCR-LM(85) | ● | ● | | | | | | | |
| 787 | 709-1504-4-90 | MF10BWPSH11-NC-LM(90) | 709-1559-0-90 | MF10BWPSH11-NCR-LM(90) | ● | ● | | | | | | | |
| 788 | 709-1504-4-95 | MF10BWPSH11-NC-LM(95) | 709-1559-0-95 | MF10BWPSH11-NCR-LM(95) | ● | ● | | | | | | | |
| 789 | 709-1505-7-00 | MF10BWPH01-NC-LM | 709-1558-0-00 | MF10BWPH01-NCR-LM | ● | ● | | | | | | | |
| 790 | 709-1505-7-10 | MF10BWPH01-NC-LM(10) | 709-1558-0-10 | MF10BWPH01-NCR-LM(10) | ● | ● | | | | | | | |
| 791 | 709-1505-7-20 | MF10BWPH01-NC-LM(20) | 709-1558-0-20 | MF10BWPH01-NCR-LM(20) | ● | ● | | | | | | | |
| 792 | 709-1505-7-25 | MF10BWPH01-NC-LM(25) | 709-1558-0-25 | MF10BWPH01-NCR-LM(25) | ● | ● | | | | | | | |
| 793 | 709-1505-7-30 | MF10BWPH01-NC-LM(30) | 709-1558-0-30 | MF10BWPH01-NCR-LM(30) | ● | ● | | | | | | | |
| 794 | 709-1505-7-40 | MF10BWPH01-NC-LM(40) | 709-1558-0-40 | MF10BWPH01-NCR-LM(40) | ● | ● | | | | | | | |
| 795 | 709-1505-7-50 | MF10BWPH01-NC-LM(50) | 709-1558-0-50 | MF10BWPH01-NCR-LM(50) | ● | ● | | | | | | | |
| 796 | 709-1505-7-60 | MF10BWPH01-NC-LM(60) | 709-1558-0-60 | MF10BWPH01-NCR-LM(60) | ● | ● | | | | | | | |
| 797 | 709-1505-7-70 | MF10BWPH01-NC-LM(70) | 709-1558-0-70 | MF10BWPH01-NCR-LM(70) | ● | ● | | | | | | | |
| 798 | 709-1505-7-75 | MF10BWPH01-NC-LM(75) | 709-1558-0-75 | MF10BWPH01-NCR-LM(75) | ● | ● | | | | | | | |
| 799 | 709-1505-7-80 | MF10BWPH01-NC-LM(80) | 709-1558-0-80 | MF10BWPH01-NCR-LM(80) | ● | ● | | | | | | | |
| 800 | 709-1505-7-97 | MF10BWPH01-NC-LM(97) | 709-1558-0-97 | MF10BWPH01-NCR-LM(97) | ● | ● | | | | | | | |
| 801 | 709-1505-7-98 | MF10BWPH01-NC-LM(98) | 709-1558-0-98 | MF10BWPH01-NCR-LM(98) | ● | ● | | | | | | | |
| 802 | 709-1505-7-99 | MF10BWPH01-NC-LM(99) | 709-1558-0-99 | MF10BWPH01-NCR-LM(99) | ● | ● | | | | | | | |
| 803 | 709-1508-5-00 | MF10BWRFH01-LC-0.065M | 709-1508-5-31 | MF10BWRFH01-LC-0.065M(31) | ● | ● | | | | | | ● | |
| 804 | 709-1509-8-00 | MF10BWRFH01-SC-1M | 709-1509-8-31 | MF10BWRFH01-SC-1M(31) | ● | ● | | | | | | ● | Blue |
| 805 | 709-1511-0-01 | MF10BSWPSH11-NC-LM(01) | 709-1560-0-01 | MF10BSWPSH11-NCR-LM(01) | ● | ● | | | | | | | |
| 806 | 709-1511-0-02 | MF10BSWPSH11-NC-LM(02) | 709-1560-0-02 | MF10BSWPSH11-NCR-LM(02) | ● | ● | | | | | | | |
| 807 | 709-1511-0-03 | MF10BSWPSH11-NC-LM(03) | 709-1560-0-03 | MF10BSWPSH11-NCR-LM(03) | ● | ● | | | | | | | |
| 808 | 709-1511-0-04 | MF10BSWPSH11-NC-LM(04) | 709-1560-0-04 | MF10BSWPSH11-NCR-LM(04) | ● | ● | | | | | | | |
| 809 | 709-1511-0-05 | MF10BSWPSH11-NC-LM(05) | 709-1560-0-05 | MF10BSWPSH11-NCR-LM(05) | ● | ● | | | | | | | |
| 810 | 709-1511-0-06 | MF10BSWPSH11-NC-LM(06) | 709-1560-0-06 | MF10BSWPSH11-NCR-LM(06) | ● | ● | | | | | | | |
| 811 | 709-1511-0-07 | MF10BSWPSH11-NC-LM(07) | 709-1560-0-07 | MF10BSWPSH11-NCR-LM(07) | ● | ● | | | | | | | |
| 812 | 709-1511-0-08 | MF10BSWPSH11-NC-LM(08) | 709-1560-0-08 | MF10BSWPSH11-NCR-LM(08) | ● | ● | | | | | | | |
| 813 | 709-1511-0-09 | MF10BSWPSH11-NC-LM(09) | 709-1560-0-09 | MF10BSWPSH11-NCR-LM(09) | ● | ● | | | | | | | |
| 814 | 709-1511-0-10 | MF10BSWPSH11-NC-LM(10) | 709-1560-0-10 | MF10BSWPSH11-NCR-LM(10) | ● | ● | | | | | | | |
| 815 | 709-1511-0-11 | MF10BSWPSH11-NC-LM(11) | 709-1560-0-11 | MF10BSWPSH11-NCR-LM(11) | ● | ● | | | | | | | |
| 816 | 709-1511-0-12 | MF10BSWPSH11-NC-LM(12) | 709-1560-0-12 | MF10BSWPSH11-NCR-LM(12) | ● | ● | | | | | | | |

| No. | Current product | | Replacement product | | Affected parts of material change | | | | | | | | |
|-----|-----------------|--------------------------|---------------------|---------------------------|-----------------------------------|----------------|-----|--------------|-------|---------|--------|----------------|------------------------------|
| | Product code | Product name | Product code | Product name | O ring | Packing Gasket | Cap | Code Pushing | Cable | Packing | Others | Resin material | Color tone of Resin material |
| 817 | 709-1511-0-13 | MF10BSWPSH11-NC-LM(13) | 709-1560-0-13 | MF10BSWPSH11-NCR-LM(13) | ● | ● | | | | | | | |
| 818 | 709-1511-0-14 | MF10BSWPSH11-NC-LM(14) | 709-1560-0-14 | MF10BSWPSH11-NCR-LM(14) | ● | ● | | | | | | | |
| 819 | 709-1511-0-15 | MF10BSWPSH11-NC-LM(15) | 709-1560-0-15 | MF10BSWPSH11-NCR-LM(15) | ● | ● | | | | | | | |
| 820 | 709-1511-0-16 | MF10BSWPSH11-NC-LM(16) | 709-1560-0-16 | MF10BSWPSH11-NCR-LM(16) | ● | ● | | | | | | | |
| 821 | 709-1511-0-17 | MF10BSWPSH11-NC-LM(17) | 709-1560-0-17 | MF10BSWPSH11-NCR-LM(17) | ● | ● | | | | | | | |
| 822 | 709-1511-0-18 | MF10BSWPSH11-NC-LM(18) | 709-1560-0-18 | MF10BSWPSH11-NCR-LM(18) | ● | ● | | | | | | | |
| 823 | 709-1511-0-19 | MF10BSWPSH11-NC-LM(19) | 709-1560-0-19 | MF10BSWPSH11-NCR-LM(19) | ● | ● | | | | | | | |
| 824 | 709-1511-0-20 | MF10BSWPSH11-NC-LM(20) | 709-1560-0-20 | MF10BSWPSH11-NCR-LM(20) | ● | ● | | | | | | | |
| 825 | 709-1511-0-21 | MF10BSWPSH11-NC-LM(21) | 709-1560-0-21 | MF10BSWPSH11-NCR-LM(21) | ● | ● | | | | | | | |
| 826 | 709-1511-0-22 | MF10BSWPSH11-NC-LM(22) | 709-1560-0-22 | MF10BSWPSH11-NCR-LM(22) | ● | ● | | | | | | | |
| 827 | 709-1511-0-23 | MF10BSWPSH11-NC-LM(23) | 709-1560-0-23 | MF10BSWPSH11-NCR-LM(23) | ● | ● | | | | | | | |
| 828 | 709-1511-0-24 | MF10BSWPSH11-NC-LM(24) | 709-1560-0-24 | MF10BSWPSH11-NCR-LM(24) | ● | ● | | | | | | | |
| 829 | 709-1511-0-25 | MF10BSWPSH11-NC-LM(25) | 709-1560-0-25 | MF10BSWPSH11-NCR-LM(25) | ● | ● | | | | | | | |
| 830 | 709-1511-0-26 | MF10BSWPSH11-NC-LM(26) | 709-1560-0-26 | MF10BSWPSH11-NCR-LM(26) | ● | ● | | | | | | | |
| 831 | 709-1511-0-27 | MF10BSWPSH11-NC-LM(27) | 709-1560-0-27 | MF10BSWPSH11-NCR-LM(27) | ● | ● | | | | | | | |
| 832 | 709-1511-0-28 | MF10BSWPSH11-NC-LM(28) | 709-1560-0-28 | MF10BSWPSH11-NCR-LM(28) | ● | ● | | | | | | | |
| 833 | 709-1511-0-29 | MF10BSWPSH11-NC-LM(29) | 709-1560-0-29 | MF10BSWPSH11-NCR-LM(29) | ● | ● | | | | | | | |
| 834 | 709-1511-0-30 | MF10BSWPSH11-NC-LM(30) | 709-1560-0-30 | MF10BSWPSH11-NCR-LM(30) | ● | ● | | | | | | | |
| 835 | 709-1511-0-31 | MF10BSWPSH11-NC-LM(31) | 709-1560-0-31 | MF10BSWPSH11-NCR-LM(31) | ● | ● | | | | | | | |
| 836 | 709-1511-0-32 | MF10BSWPSH11-NC-LM(32) | 709-1560-0-32 | MF10BSWPSH11-NCR-LM(32) | ● | ● | | | | | | | |
| 837 | 709-1511-0-33 | MF10BSWPSH11-NC-LM(33) | 709-1560-0-33 | MF10BSWPSH11-NCR-LM(33) | ● | ● | | | | | | | |
| 838 | 709-1511-0-34 | MF10BSWPSH11-NC-LM(34) | 709-1560-0-34 | MF10BSWPSH11-NCR-LM(34) | ● | ● | | | | | | | |
| 839 | 709-1511-0-35 | MF10BSWPSH11-NC-LM(35) | 709-1560-0-35 | MF10BSWPSH11-NCR-LM(35) | ● | ● | | | | | | | |
| 840 | 709-1511-0-36 | MF10BSWPSH11-NC-LM(36) | 709-1560-0-36 | MF10BSWPSH11-NCR-LM(36) | ● | ● | | | | | | | |
| 841 | 709-1511-0-37 | MF10BSWPSH11-NC-LM(37) | 709-1560-0-37 | MF10BSWPSH11-NCR-LM(37) | ● | ● | | | | | | | |
| 842 | 709-1511-0-38 | MF10BSWPSH11-NC-LM(38) | 709-1560-0-38 | MF10BSWPSH11-NCR-LM(38) | ● | ● | | | | | | | |
| 843 | 709-1511-0-39 | MF10BSWPSH11-NC-LM(39) | 709-1560-0-39 | MF10BSWPSH11-NCR-LM(39) | ● | ● | | | | | | | |
| 844 | 709-1511-0-40 | MF10BSWPSH11-NC-LM(40) | 709-1560-0-40 | MF10BSWPSH11-NCR-LM(40) | ● | ● | | | | | | | |
| 845 | 709-1511-0-41 | MF10BSWPSH11-NC-LM(41) | 709-1560-0-41 | MF10BSWPSH11-NCR-LM(41) | ● | ● | | | | | | | |
| 846 | 709-1511-0-42 | MF10BSWPSH11-NC-LM(42) | 709-1560-0-42 | MF10BSWPSH11-NCR-LM(42) | ● | ● | | | | | | | |
| 847 | 709-1511-0-43 | MF10BSWPSH11-NC-LM(43) | 709-1560-0-43 | MF10BSWPSH11-NCR-LM(43) | ● | ● | | | | | | | |
| 848 | 709-1511-0-44 | MF10BSWPSH11-NC-LM(44) | 709-1560-0-44 | MF10BSWPSH11-NCR-LM(44) | ● | ● | | | | | | | |
| 849 | 709-1511-0-45 | MF10BSWPSH11-NC-LM(45) | 709-1560-0-45 | MF10BSWPSH11-NCR-LM(45) | ● | ● | | | | | | | |
| 850 | 709-1511-0-46 | MF10BSWPSH11-NC-LM(46) | 709-1560-0-46 | MF10BSWPSH11-NCR-LM(46) | ● | ● | | | | | | | |
| 851 | 709-1511-0-47 | MF10BSWPSH11-NC-LM(47) | 709-1560-0-47 | MF10BSWPSH11-NCR-LM(47) | ● | ● | | | | | | | |
| 852 | 709-1511-0-48 | MF10BSWPSH11-NC-LM(48) | 709-1560-0-48 | MF10BSWPSH11-NCR-LM(48) | ● | ● | | | | | | | |
| 853 | 709-1511-0-49 | MF10BSWPSH11-NC-LM(49) | 709-1560-0-49 | MF10BSWPSH11-NCR-LM(49) | ● | ● | | | | | | | |
| 854 | 709-1511-0-50 | MF10BSWPSH11-NC-LM(50) | 709-1560-0-50 | MF10BSWPSH11-NCR-LM(50) | ● | ● | | | | | | | |
| 855 | 709-1511-0-55 | MF10BSWPSH11-NC-LM(55) | 709-1560-0-55 | MF10BSWPSH11-NCR-LM(55) | ● | ● | | | | | | | |
| 856 | 709-1511-0-60 | MF10BSWPSH11-NC-LM(60) | 709-1560-0-60 | MF10BSWPSH11-NCR-LM(60) | ● | ● | | | | | | | |
| 857 | 709-1511-0-65 | MF10BSWPSH11-NC-LM(65) | 709-1560-0-65 | MF10BSWPSH11-NCR-LM(65) | ● | ● | | | | | | | |
| 858 | 709-1511-0-70 | MF10BSWPSH11-NC-LM(70) | 709-1560-0-70 | MF10BSWPSH11-NCR-LM(70) | ● | ● | | | | | | | |
| 859 | 709-1511-0-75 | MF10BSWPSH11-NC-LM(75) | 709-1560-0-75 | MF10BSWPSH11-NCR-LM(75) | ● | ● | | | | | | | |
| 860 | 709-1511-0-80 | MF10BSWPSH11-NC-LM(80) | 709-1560-0-80 | MF10BSWPSH11-NCR-LM(80) | ● | ● | | | | | | | |
| 861 | 709-1511-0-85 | MF10BSWPSH11-NC-LM(85) | 709-1560-0-85 | MF10BSWPSH11-NCR-LM(85) | ● | ● | | | | | | | |
| 862 | 709-1511-0-90 | MF10BSWPSH11-NC-LM(90) | 709-1560-0-90 | MF10BSWPSH11-NCR-LM(90) | ● | ● | | | | | | | |
| 863 | 709-1511-0-95 | MF10BSWPSH11-NC-LM(95) | 709-1560-0-95 | MF10BSWPSH11-NCR-LM(95) | ● | ● | | | | | | | |
| 864 | 709-1512-2-00 | MF10BWP01-50M | 709-1512-2-31 | MF10BWP01-50M(31) | ● | ● | | | | | | | |
| 865 | 709-1513-5-00 | MF10SWP01S-SC-183M | 709-1513-5-31 | MF10SWP01S-SC-183M(31) | ● | ● | | | | | ● | Blue | |
| 866 | 709-1514-8-00 | MF10SWP01S-SC-303M | 709-1514-8-31 | MF10SWP01S-SC-303M(31) | ● | ● | | | | | ● | Blue | |
| 867 | 709-1518-9-00 | MF10BWP03S-0.405M | 709-1518-9-31 | MF10BWP03S-0.405M(31) | ● | ● | | | | | | | |
| 868 | 709-1518-9-01 | MF10BWP03S-0.34M | 709-1518-9-32 | MF10BWP03S-0.34M(32) | ● | ● | | | | | | | |
| 869 | 709-1518-9-02 | MF10BWP03S-0.35M | 709-1518-9-33 | MF10BWP03S-0.35M(33) | ● | ● | | | | | | | |
| 870 | 709-1519-1-00 | MF10BWRFC04S-SC02-1M | 709-1519-1-31 | MF10BWRFC04S-SC02-1M(31) | ● | ● | | | | | ● | Blue | |
| 871 | 709-1520-0-00 | MF10BWP03S-1.1M | 709-1520-0-31 | MF10BWP03S-1.1M(31) | ● | ● | | | | | | | |
| 872 | 709-1521-3-00 | MF10BWP03S-LC06-25M | 709-1521-3-31 | MF10BWP03S-LC06-25M(31) | ● | ● | | | | | ● | | |
| 873 | 709-1522-6-00 | MF10BWP01-30M | 709-1522-6-31 | MF10BWP01-30M(31) | ● | ● | | | | | | | |
| 874 | 709-1523-9-00 | MF10BWRFH01S-ASC02-0.5M | 709-1523-9-31 | MF10BWRFH01S-ASC02-0.5-31 | ● | ● | | | | | ● | Green | |
| 875 | 709-1524-1-00 | MF10BWP01S-ASC02-1M | 709-1524-1-31 | MF10BWP01S-ASC02-1M(31) | ● | ● | | | | | ● | Green | |
| 876 | 709-1525-4-00 | MF10BWP01S-1M | 709-1525-4-31 | MF10BWP01S-1M(31) | ● | ● | | | | | | | |
| 877 | 709-1526-7-00 | MF10BWRFT04-LC06-0.21M | 709-1526-7-31 | MF10BWRFT04-LC06-0.21M-31 | ● | ● | | | | | ● | | |
| 878 | 709-1528-2-00 | MF10BWP01S-SC02-0.54M | 709-1528-2-31 | MF10BWP01S-SC02-0.54M-31 | ● | ● | | | | | ● | Blue | |
| 879 | 709-1529-5-00 | MF10BWRFC04S-SC-1.1M | 709-1529-5-31 | MF10BWRFC04S-SC-1.1M(31) | ● | ● | | | | | ● | Blue | |
| 880 | 709-1529-5-01 | MF10BWRFC04S-SC-1.1M(01) | 709-1529-5-32 | MF10BWRFC04S-SC-1.1M(32) | ● | ● | | | | | ● | Blue | |
| 881 | 709-1530-4-00 | MF10BWRFC04-SC-1.2M | 709-1530-4-31 | MF10BWRFC04-SC-1.2M(31) | ● | ● | | | | | ● | Blue | |
| 882 | 709-1531-7-00 | MF10BWRFC04S-FC02-1M | 709-1531-7-31 | MF10BWRFC04S-FC02-1M(31) | ● | ● | | | | | | | |
| 883 | 709-1536-0-00 | MF10BWP03-SC02-5M | 709-1536-0-31 | MF10BWP03-SC02-5M(31) | ● | ● | | | | | ● | Blue | |
| 884 | 709-1537-3-00 | MF10BWP03-SC02-30M | 709-1537-3-31 | MF10BWP03-SC02-30M(31) | ● | ● | | | | | ● | Blue | |
| 885 | 709-1539-9-00 | MF10BWP03S-DLC06-30M | 709-1539-9-31 | MF10BWP03S-DLC06-30M(31) | ● | ● | | | | | | | |
| 886 | 709-1540-8-01 | MF10BWP03S-NC-10M | 709-1540-8-31 | MF10BWP03S-NC-10M(31) | ● | ● | | | | | | | |
| 887 | 709-1540-8-02 | MF10BWP03S-NC-20M | 709-1540-8-32 | MF10BWP03S-NC-20M(32) | ● | ● | | | | | | | |
| 888 | 709-1540-8-03 | MF10BWP03S-NC-25M | 709-1540-8-33 | MF10BWP03S-NC-25M(33) | ● | ● | | | | | | | |
| 889 | 709-1540-8-04 | MF10BWP03S-NC-30M | 709-1540-8-34 | MF10BWP03S-NC-30M(34) | ● | ● | | | | | | | |
| 890 | 709-1540-8-05 | MF10BWP03S-NC-40M | 709-1540-8-35 | MF10BWP03S-NC-40M(35) | ● | ● | | | | | | | |
| 891 | 709-1540-8-06 | MF10BWP03S-NC-50M | 709-1540-8-36 | MF10BWP03S-NC-50M(36) | ● | ● | | | | | | | |
| 892 | 709-1540-8-07 | MF10BWP03S-NC-60M | 709-1540-8-37 | MF10BWP03S-NC-60M(37) | ● | ● | | | | | | | |
| 893 | 709-1540-8-08 | MF10BWP03S-NC-70M | 709-1540-8-38 | MF10BWP03S-NC-70M(38) | ● | ● | | | | | | | |
| 894 | 709-1540-8-09 | MF10BWP03S-NC-75M | 709-1540-8-39 | MF10BWP03S-NC-75M(39) | ● | ● | | | | | | | |
| 895 | 709-1540-8-10 | MF10BWP03S-NC-80M | 709-1540-8-40 | MF10BWP03S-NC-80M(40) | ● | ● | | | | | | | |
| 896 | 709-1540-8-11 | MF10BWP03S-NC-100M | 709-1540-8-41 | MF10BWP03S-NC-100M(41) | ● | ● | | | | | | | |
| 897 | 709-1540-8-12 | MF10BWP03S-NC-1000M | 709-1540-8-42 | MF10BWP03S-NC-1000M(42) | ● | ● | | | | | | | |
| 898 | 709-1540-8-13 | MF10BWP03S-NC-2000M | 709-1540-8-43 | MF10BWP03S-NC-2000M(43) | ● | ● | | | | | | | |
| 899 | 709-1541-0-00 | MF10B-WPH03-SC02-3M | 709-1541-0-31 | MF10B-WPH03-SC02-3M(31) | ● | ● | | | | | ● | Blue | |
| 900 | 709-1542-3-00 | MF10B-WPH03-SC02-12M | 709-1542-3-31 | MF10B-WPH03-SC02-12M(31) | ● | ● | | | | | ● | Blue | |
| 901 | 709-1543-0-00 | MF10B-WPH03-SC02-5M | 709-1543-0-31 | MF10B-WPH03-SC02-5M(31) | ● | ● | | | | | ● | Blue | |





■ Attachment2:Comparison of Color Tone of Resin Material

Business430-18008_RoHS2 (4 kinds of restricted phthalic)Material Change of Non-Compliant Product

For affected products marked "●" in "Resin material" of Attachment 1, we will change resin material.

For affected products mentioned "Color tone: Blue" or "Color Tone:Green, there might be slight difference in color tone from the current resin material.

These changes will not affect the performances of the products.

| Color tone | Current resin material | Replacement resin material |
|------------|---|---|
| Blue | Manufacturer SABIC Material PBT  | Manufacturer Toray Industries, Inc. Material PBT  |
| Green | Manufacturer SABIC Material PBT  | Manufacturer Toray Industries, Inc. Material PBT  |

Acknowledgement

(Customer → Hirose Electric business representative)

Product Change Notification
Request for Your Acknowledgement

We acknowledge the aforementioned matter.

Customer's name: _____

Acknowledgement stamp (or signature): _____

HIROSE ELECTRIC CO., LTD.

(Cut on this line)

Document Receipt

(Customer → Hirose Electric business representative)

Product Change Notification
Request for Your Acknowledgement

We received the document concerning the above.

Customer's name: _____

Acknowledgment stamp (or signature): _____

HIROSE ELECTRIC CO., LTD.