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 In case that the application demands a high level of reliability, such as automotive,
 please contact a company representative for further information.

| COUNT | DESCRIPTION OF REVISIONS | BY | CHKD | DATE | COUNT | DESCRIPTION OF REVISIONS | BY | CHKD | DATE |
|---|-----------------------------|---|------|--------------------------------|---|-----------------------------|---------------------------------|----------|------|
| | | | | | | | | | |
| APPLICATION STANDARD | | | | | | | | | |
| RATING | OPERATING TEMPERATURE RANGE | -55 °C TO +85 °C | | | | | | | |
| | VOLTAGE | 200V AC | | | | | | | |
| | CURRENT | 1 A | | | | | | | |
| SPECIFICATIONS | | | | | | | | | |
| ITEM | | TEST METHOD | | | REQUIREMENT | | | QT | AT |
| CONSTRUCTION | | | | | | | | | |
| GENERAL EXAMINATION | | VISUALLY AND BY MEASURING INSTRUMENT. | | | ACCORDING TO DRAWING | | | X | X |
| MARKING | | CONFIRMED VISUALLY | | | | | | X | X |
| ELECTRICAL CHARACTERISTICS | | | | | | | | | |
| CONTACT RESISTANCE | | 100 mA (DC OR 1000 Hz) | | | 15 mW MAX. | | | X | |
| INSULATION RESISTANCE | | 500 V DC | | | 1000 MW MIN. | | | X | |
| VOLTAGE PROOF | | 650 V AC FOR 1 min. | | | NO FLASHOVER OR BREAKDOWN | | | X | |
| MECHANICAL CHARACTERISTICS | | | | | | | | | |
| CONTACT INSERTION AND EXTRACTION FORCES | | <input type="checkbox"/> 0.635±0.002mm BY STEEL GAUGE | | | INSERTION FORCE: 3.43 N MAX EXTRACTION FORCE: 0.39 N MIN | | | X | |
| MECHANICAL OPERATION | | 500 TIMES INSERTIONS AND EXTRACTIONS. | | | 1) CONTACT RESISTANCE: 15 mW MAX. 2) NO DAMAGE, CRACK AND LOOSENESS OF PART. | | | X | |
| VIBRATION | | FREQUENCY: 10 TO 55 Hz, TOTAL AMPLITUDE 1.5 mm, FOR 2 h IN 3 DIRECTIONS. | | | 1) NO ELECTRICAL DISCONTINUITY OF 1 ms 2) NO DAMAGE, CRACK AND LOOSENESS | | | X | |
| SHOCK | | 490 m/s ² DURATION OF PULSE 11 ms FOR 2 TIMES IN 3 DIRECTIONS. | | | | | | X | |
| ENVIRONMENTAL CHARACTERISTICS | | | | | | | | | |
| DAMP HEAT (STEADY STATE) | | EXPOSED AT 40±2 °C, 90~95 %, 96 h. | | | 1) CONTACT RESISTANCE: 15 mW MAX. 2) INSULATION RESISTANCE: | | | X | |
| RAPID CHANGE OF TEMPERATURE | | TEMPERATURE -55→+5~+35→+85→+5~+35°C TIME 30→MAX 5 → 30 → MAX 5 min. UNDER 5 CYCLES. | | | 1000 MW MIN. 3) NO DAMAGE, CRACK AND LOOSENESS OF PART. | | | X | |
| CORROSION SALT MIST | | EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h. | | | 1) CONTACT RESISTANCE: 15 mW MAX. 2) NO HEAVY CORROSION. | | | X | |
| REMARKS | | | | | | | | | |
| | | | | DRAWN | DESIGNED | CHECKED | APPROVED | RELEASED | |
| | | | | <i>K. Kiriyama</i> 01.06.12 | <i>H. Yamaguchi</i> 01.06.13 | <i>H. Okawa</i> 01.06.13 | <i>J. Yoshimura</i> 01.06.13 | | |
| UNLESS OTHERWISE SPECIFIED, REFER TO MIL-STD-1344 | | | | | | | | | |
| NOTE QT: QUALIFICATION TEST AT: ASSURANCE TEST X: APPLICABLE TEST | | | | | | | | | |
| HRS HIROSE ELECTRIC CO.,LTD. | | SPECIFICATION SHEET | | | PART NO. HIF3 ^{BA} _{BB} - * * D-2.54R | | | | |
| CODE NO.(OLD) CL | | DRAWING NO. ELC4- 084252 | | | CODE NO. CL 610 | | | 1 | 1 |

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