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| | COUNT | DESCRIPTION OF REVISIONS | BY | CHKD | DATE | | COUNT | DESCRIPTION OF REVISIONS | BY | CHKD | DATE |
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| △ | | | | | | △ | | | | | |
| APPLICABLE STANDARD | | | | | | | | | | | |
| RATING | OPERATING TEMPERATURE RANGE | | -35 °C TO 85 °C(NOTE 1) | | | STORAGE TEMPERATURE RANGE | | -10°C TO 60 °C | | | |
| | VOLTAGE | | 250 V AC | | | APPLICABLE CONNECTORS | | DF1B(A)-*(D)EP-2.5RC | | | |
| | CURRENT | | 3A | | | OPERATING HUMIDITY RANGE | | UL1061:AWG24 | | | |
| SPECIFICATIONS | | | | | | | | | | | |
| ITEM | | TEST METHOD | | | | REQUIREMENTS | | | | QT | AT |
| CONSTRUCTION | | | | | | | | | | | |
| GENERAL EXAMINATION | | VISUALLY AND BY MEASURING INSTRUMENT. | | | | ACCORDING TO DRAWING. | | | | × | × |
| MARKING | | CONFIRMED VISUALLY. | | | | | | | | × | × |
| ELECTRIC CHARACTERISTICS | | | | | | | | | | | |
| CONTACT RESISTANCE | | 100 mA (DC OR 1000 Hz). | | | | 30 mΩ MAX. | | | | × | — |
| MECHANICAL CHARACTERISTICS | | | | | | | | | | | |
| MECHANICAL OPERATION | | 30 TIMES INSERTIONS AND EXTRACTIONS. | | | | ① CONTACT RESISTANCE: 30mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS. | | | | × | — |
| VIBRATION | | FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75mm. AT 2 h, FOR 3 DIRECTIONS. | | | | ① NO ELECTRICAL DISCONTINUITY OF 1μs. ② CONTACT RESISTANCE: 30 mΩ MAX. | | | | × | — |
| SHOCK | | 490 m/s ² DIRECTIONS OF PULSE 11 ms AT 3 TIME FOR 3 DIRECTION. | | | | ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS. | | | | × | — |
| ENVIRONMENTAL CHARACTERISTICS | | | | | | | | | | | |
| RAPID CHANGE OF TEMPERATURE | | TEMPERATURE -55 →5 TO 35→85 →5 TO 35 °C TIME 30 → 10 →30 → 10 min UNDER 5 CYCLES. | | | | ① CONTACT RESISTANCE: 30 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS. | | | | × | — |
| DAMP HEAT (STEADY STATE) | | EXPOSED AT 40±2 °C, 90 TO 95 %, 96 h. | | | | ① CONTACT RESISTANCE: 30 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS. | | | | × | — |
| | | | | | | | | | | | |
| REMARKS NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT | | | | | | DRAWN | DESIGNED | CHECKED | APPROVED | RELEASED | |
| Unless otherwise specified, refer to MIL-STD-1344. | | | | | | W. Fukuchi '00.4.12 | W. Fukuchi '00.4.12 | J. Miyazaki '00.4.12 | K. Katagawa '00.4.13 | | |
| Note QT: Qualification Test AT: Assurance Test ×:Applicable Test | | | | | | | | | | | |
|  HIROSE ELECTRIC CO., LTD. | | | | | | SPECIFICATION SHEET | | | PART NO. DF1B-24PRF | | |
| CODE NO.(OLD) CL | | | DRAWING NO. ELC4-080518 | | | PEART NO. CL541-0666-2 | | | 1/1 | | |