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|--|-----------------------------|---|--|--|------------------------------|----------------|
| APPLICABLE STANDARD | | | | | | |
| RATING | OPERATING TEMPERATURE RANGE | -40°C TO +85°C (95%RH MAX) | | STORAGE TEMPERATURE RANGE | -40°C TO +85°C (95%RH MAX) | |
| | POWER | — W | | CHARACTERISTIC IMPEDANCE | 50 Ω (0 TO Δ 12 GHz) | |
| | PECULIARITY | — | | APPLICABLE CABLE | — | |
| SPECIFICATIONS | | | | | | |
| ITEM | | TEST METHOD | | REQUIREMENTS | | QT AT |
| CONSTRUCTION | | | | | | |
| GENERAL EXAMINATION | | VISUALLY AND BY MEASURING INSTRUMENT. | | ACCORDING TO DRAWING. | | X X |
| MARKING | | CONFIRMED VISUALLY. | | | | X X |
| ELECTRIC CHARACTERISTICS | | | | | | |
| CONTACT RESISTANCE | | 10 mA MAX (DC OR 1000 Hz). | | CENTER CONTACT 20 mΩ MAX. | X | X |
| | | | | OUTER CONTACT 10 mΩ MAX. | X | X |
| INSULATION RESISTANCE | | 100 V DC. | | 500 MΩ MIN. | X | X |
| VOLTAGE PROOF | | 250 V AC FOR 1 min. CURRENT LEAKAGE 2mA MAX. | | NO FLASHOVER OR BREAKDOWN. | X | X |
| VOLTAGE STANDING WAVE RATIO | | FREQUENCY 0.045 TO 6 GHz. | | VSWR 1.25 MAX. | X | — |
| | | FREQUENCY 6 TO 12 GHz. | | VSWR 1.4 MAX. | X | — |
| INSERTION LOSS | | FREQUENCY — TO — GHz | | — dB MAX. | — | — |
| MECHANICAL CHARACTERISTICS | | | | | | |
| CENTER CONTACT EXTRACTION FORCES | | — BY STEEL GAUGE. | | INSERTION FORCE — N MAX. | — | — |
| | | | | EXTRACTION FARCE — N MIN | — | — |
| INSERTION AND WITHDRAWAL FORCES | | MEASURED BY APPLICABLE CONNECTOR. | | INSERTION FORCE — N MAX. | — | — |
| | | | | EXTRACTION FARCE — N MIN. | — | — |
| MECHANICAL OPERATION | | 500 TIMES INSERTIONS AND EXTRACTIONS | | 1) CONTACT RESISTANCE: CENTER CONTACT 25 mΩMAX. OUTER CONTACT 15 mΩMAX. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS. | X | — |
| VIBRATION | | FREQUENCY — TO — Hz SINGLE AMPLITUDE — mm, — m/s ² AT — CYCLES FOR — DIRECTIONS. | | 1) NO ELECTRICAL DISCONTINUITY OF — μs. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS. | — | — |
| SHOCK | | — m/s ² DIRECTIONS OF PULSE — ms AT — TIMES FOR — DIRECTIONS. | | | — | — |
| CABLE CLAMP ROBUSTNESS (AGAINST CABLE PULL) | | APPLYING A PULL FORCE THE CABLE AXIALLY AT — N MAX. | | 1) NO WITHDRAWAL AND BREAKAGE OF CABLE. 2) NO BREAKAGE OF CLAMP. | — | — |
| ENVIRONMENTAL CHARACTERISTICS | | | | | | |
| DAMP HEAT | | EXPOSED AT +25 °C TO +65 °C 、 80~96 % TOTAL 10 CYCLES (240H) | | 1) INSULATION RESISTANCE: 10 MΩ MIN. (AT HIGH HUMIDITY) 2) INSULATION RESISTANCE: 500 MΩ MIN. (AT DRY) 3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS. | X | — |
| RAPID CHANGE OF TEMPERATURE | | TEMPERATURE -40 → 5-35 → +85 → 5-35°C TIME 30 → 3 → 30 → 3 min. UNDER 5 CYCLES. | | NO DAMAGE, CRACK AND LOOSENESS OF PARTS. | X | — |
| CORROSION SALT MIST | | EXPOSED IN 5% SALT WATER SPRAY FOR 48 h. | | NO HEAVY CORROSION. | X | — |
| | | | | | | |
| Δ | COUNT | DESCRIPTION OF REVISIONS | | DESIGNED | CHECKED | DATE |
| 1 | 2 | DIS-D-00000094 | | KS. TAKAHASHI | MT. KANEKO | 15. 03. 02 |
| REMARK | | | | APPROVED | MH. YAMANE | 10. 03. 21 |
| RoHS COMPLIANT | | | | CHECKED | NK. NINOMIYA | 10. 03. 20 |
| | | | | DESIGNED | MY. KOJIMA | 10. 03. 18 |
| Unless otherwise specified, refer to JIS C 5402. | | | | DRAWN | MY. KOJIMA | 10. 03. 18 |
| Note QT:Qualification Test AT:Assurance Test X:Applicable Test | | | | DRAWING NO. | | ELC4-319144-00 |
| HRS | | SPECIFICATION SHEET | | PART NO. | HRMP-X. FLJ | |
| | | HIROSE ELECTRIC CO., LTD. | | CODE NO. | CL311-0435-1-00 | Δ 1/1 |