

Excellent Integrated System Limited

Stocking Distributor

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[Hirose Electric Co Ltd](#)
[HRM\(G\)-300-467B-1](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

| APPLICABLE STANDARD | | | | | | | |
|--|---|---------------------------|--|---------------------------|---------------------------|--|--|
| RATING | OPERATING TEMPERATURE RANGE | -55°C TO +85°C(95%RH MAX) | | STORAGE TEMPERATURE RANGE | -55°C TO +85°C(95%RH MAX) | | |
| | POWER | — W | | CHARACTERISTIC IMPEDANCE | 50Ω (0 TO 28 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. | | | | — — | | |
| ELECTRIC CHARACTERISTICS | | | | | | | |
| CONTACT RESISTANCE | 100 mA MAX (DC OR 1000 Hz). | | CENTER CONTACT | 4 mΩ MAX. | X X | | |
| | | | OUTER CONTACT | 4 mΩ MAX. | X X | | |
| INSULATION RESISTANCE | 500 V DC. | | 5000 MΩ MIN. | | X X | | |
| VOLTAGE PROOF | 1000 V AC FOR 1 min. CURRENT LEAKAGE 2mA MAX. | | NO FLASHOVER OR BREAKDOWN. | | X X | | |
| VOLTAGE STANDING WAVE RATIO | FREQUENCY 0.045 TO 28 GHz. | | VSWR | 1.4 MAX. (0.045 TO 20GHz) | X — | | |
| | | | VSWR | 1.7 MAX. (20 TO 28GHz) | — — | | |
| INSERTION LOSS | FREQUENCY TO GHz | | dB MAX. | | — — | | |
| MECHANICAL CHARACTERISTICS | | | | | | | |
| CONTACT INSERTION AND EXTRACTION FORCES | EXTRACTION GAUGE: $\phi 0.9017^0_{-0.0025}$ STEEL GAUGE. | | INSERTION FORCE | N MAX. | — — | | |
| | | | EXTRACTION FORCE | 0.3 N MIN. | X X | | |
| INSERTION AND WITHDRAWAL FORCES | MEASURED BY APPLICABLE CONNECTOR. | | INSERTION FORCE | N MAX. | — — | | |
| | | | EXTRACTION FORCE | N MIN. | — — | | |
| MECHANICAL OPERATION | 500 TIMES INSERTIONS AND EXTRACTIONS. | | 1) CONTACT RESISTANCE: CENTER CONTACT 6 mΩMAX. OUTER CONTACT 6 mΩMAX. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS. | | X — | | |
| VIBRATION | FREQUENCY 10 TO 2000 Hz SINGLE AMPLITUDE 0.75 mm, 196 m/s ² AT 10 CYCLES FOR 3 DIRECTIONS. | | 1) NO ELECTRICAL DISCONTINUITY OF 1 μs. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS. | | X — | | |
| SHOCK | 1960 m/s ² DIRECTIONS OF PULSE 6 ms AT 3 TIMES FOR 3 DIRECTIONS. | | | | X — | | |
| ENVIRONMENTAL CHARACTERISTICS | | | | | | | |
| DAMP HEAT,CYCLIC | EXPOSED AT +25 TO +65 °C, 90~98 % TOTAL 10 CYCLES (240 h) | | 1) INSULATION RESISTANCE: 100 MΩ MIN. (AT HIGH HUMIDITY) 2) INSULATION RESISTANCE: 5000 MΩ MIN. (AT DRY) 3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS. | | X — | | |
| RAPID CHANGE OF TEMPERATURE | TEMPERATURE -55 → -- → +85 → -- °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 — | | |
| COUNT | DESCRIPTION OF REVISIONS | | DESIGNED | CHECKED | DATE | | |
| 0 | | | | | | | |
| REMARK RoHS COMPLIANT THE COUPLING TIGHTENING TORQUE : 0.6 TO 0.8N·m | | | | APPROVED | MH. YAMANE 12.02.08 | | |
| | | | | CHECKED | MH. TSUCHIDA 12.02.08 | | |
| | | | | DESIGNED | RO. YOKOYAMA 12.02.07 | | |
| | | | | DRAWN | RO. YOKOYAMA 12.02.07 | | |
| Note QT:Qualification Test AT:Assurance Test X:Applicable Test | | | DRAWING NO. | | ELC4-342452-00 | | |
| HRS | SPECIFICATION SHEET | | PART NO. | HRM (G)-300-467B-1 | | | |
| | HIROSE ELECTRIC CO., LTD. | | CODE NO. | CL323-0937-0-00 | △ 1/1 | | |

