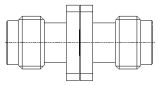
APPLICABLE STANDARD		MIL-STD-348B		
RATING	OPERATING TEMPERATURE RANGE	−55°C TO +105°C(95%RH MAX)	STORAGE TEMPERATURE RANGE	−55°C TO +50°C(95%RH MAX)
	POWER	——— W	CHARACTERISTIC IMPEDANCE	50Ω (0 TO 50 GHz)
	PECULIARITY	———	APPLICABLE CABLE	———

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 MAX (DC OR 1000 Hz).	CENTER CONTACT 4 mΩ MAX.	×	×
		OUTER CONTACT 2 mΩ MAX.	×	×
INSULATION RESISTANCE	500 V DC.	5000 MΩ MIN.	×	×
VOLTAGE PROOF	500 V AC FOR 1 min.CURRENT LEAKAGE 2mA MAX.	NO FLASHOVER OR BREAKDOWN.	×	×
VOLTAGE STANDING WAVE RATIO 1	FREQUENCY 0.045 TO 50 GHz. TEST METHOD IS BACK TO BACK.	VSWR 1.35 MAX. (0.045 TO 26.5GHz) VSWR 1.40 MAX. (26.5 TO 40GHz) VSWR 1.45 MAX (40 TO 50GHz)	×	×
INSERTION LOSS	FREQUENCY TO GHz	dB MAX.	—	—
MECHANICAL CHARACTERISTICS				
CONTACT INSERTION AND EXTRACTION FORCES	EXTRACTION GAUGE: $\phi 0.495\ ^{0}_{-0.005}$ STEEL GAUGE.	INSERTION FORCE N MAX.	—	—
		EXTRACTION FORCE 0.2~2 N MIN.	×	×
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 4 mΩMAX. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	×	—
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.	×	—
SHOCK	980 m/s^2 DIRECTIONS OF PULSE 6 ms AT 3 TIMES FOR 3 DIRECTIONS.		×	—
ENVIRONMENTAL CHARACTERISTICS				
DAMP HEAT,CYCLIC	EXPOSED AT −10 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.	×	—
RAPID CHANGE OF TEMPERATURE	TEMPERATURE −55 → — → +105 → — °C TIME 30 → 3 → 30 → 3 min. UNDER 5 CYCLES.	NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	×	—
CORROSION SALT MIST	EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.	NO HEAVY CORROSION.	×	—

	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
A					

REMARK
RoHS COMPLIANT
NOTE 1 MEASUREMENT STATE OF BACK TO BACK



UNLESS OTHERWISE SPECIFIED, REFER TO MIL-STD-202.

APPROVED	KY. SHIMIZU	14. 12. 24
CHECKED	KY. SHIMIZU	14. 12. 24
DESIGNED	TS. SAWAI	14. 12. 24
DRAWN	TS. SAWAI	14. 12. 24

Note QT:Qualification Test AT:Assurance Test X:Applicable Test

DRAWING NO. ELC4-356161-12

HRS	SPECIFICATION SHEET	PART NO.	H2. 4-R-SR2 (12)	
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL338-0601-8-12 A	1/1

FORM HD0011-2-1