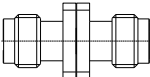


APPLICABLE STANDARD		MIL-STD-348B			
RATING	OPERATING TEMPERATURE RANGE	-55°C TO +105°C(95%RH MAX)		STORAGE TEMPERATURE RANGE	-55°C TO +85°C(95%RH MAX)
	POWER	_____ W		CHARACTERISTIC IMPEDANCE	50 Ω (0 TO 50 GHz)
	PECULIARITY	_____		APPLICABLE CABLE	_____
SPECIFICATIONS					
ITEM		TEST METHOD		REQUIREMENTS	QT AT
CONSTRUCTION					
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.		ACCORDING TO DRAWING.	X X
MARKING		CONFIRMED VISUALLY.			X X
ELECTRIC CHARACTERISTICS					
CONTACT RESISTANCE		100 mA MAX (DC OR 1000 Hz).		CENTER CONTACT 4 mΩ MAX.	X X
				OUTER CONTACT 2 mΩ MAX.	X X
INSULATION RESISTANCE		500 V DC.		5000 MΩ MIN.	X X
VOLTAGE PROOF		500 V AC FOR 1 min.CURRENT LEAKAGE 2mA MAX.		NO FLASHOVER OR BREAKDOWN.	X X
VOLTAGE STANDING WAVE RATIO		FREQUENCY 0.045 TO 50 GHz.		VSWR 1.35 MAX. (0.045 TO 26.5GHz)	X X
		TEST METHOD IS BACK TO BACK.		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: $\phi 0.495 \pm 0.005$ STEEL GAUGE.		INSERTION FORCE N MAX.	- -
				EXTRACTION FORCE 0.2~2 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 4 mΩMAX.	X -
				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.	X -
				2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	
SHOCK		980 m/s ² DIRECTIONS OF PULSE 6 ms AT 3 TIMES FOR 3 DIRECTIONS.			X -
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.	X -
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -55 → - → +105 → - → °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
△					
REMARK			APPROVED	TS. NOBE	18. 04. 25
NOTE 1 MEASUREMENT STATE OF BACK TO BACK			CHECKED	MH. OGUSU	18. 04. 25
PORT1  PORT2			DESIGNED	AH. MARUYAMA	18. 04. 25
UNLESS OTHERWISE SPECIFIED, REFER TO MIL-STD-202.			DRAWN	EDWIN TANG	18. 04. 25
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC-381620-12-00
	SPECIFICATION SHEET		PART NO.	H2. 4-R-SR2-1 (12)	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL338-0607-0-12	△ 1/1