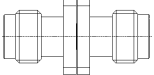



APPLICABLE STANDARD		MIL-STD-348B				
RATING	OPERATING TEMPERATURE RANGE	-55°C TO +105°C(95%RH MAX)		STORAGE TEMPERATURE RANGE	-55°C TO +50°C(95%RH MAX)	
	POWER	— W		CHARACTERISTIC IMPEDANCE	50 Ω (0 TO 50 GHz)	
	PECULIARITY	—		APPLICABLE CABLE	—	
SPECIFICATIONS						
ITEM		TEST METHOD		REQUIREMENTS	QT	AT
CONSTRUCTION						
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.		ACCORDING TO DRAWING.	X	X
MARKING		CONFIRMED VISUALLY.			—	—
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
1		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: φ0.495 ⁰ _{-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. 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		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	
0						
REMARK				APPROVED	KH. IKEDA 14.08.20	
RoHS COMPLIANT				CHECKED	MH. TSUCHIDA 14.08.20	
NOTE 1 MEASUREMENT STATE OF BACK TO BACK				DESIGNED	TS. SAWAI 14.08.19	
PORT1  PORT2				DRAWN	TS. SAWAI 14.08.19	
UNLESS OTHERWISE SPECIFIED, REFER TO MIL-STD-202.						
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.	ELC4-356161-00		
HRS	SPECIFICATION SHEET		PART NO.	H2.4-R-SR2		
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL338-0601-8-00		1/1