

APPLICABLE STANDARD		MIL-STD-348B			
RATING	OPERATING TEMPERATURE RANGE	-40° C TO +85° C (95%RH MAX)	STORAGE TEMPERATURE RANGE	-40° C TO +85° C (95%RH MAX)	
	POWER	0.5 W CW (at 65° C)	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					
VSWR	FREQUENCY DC TO 50 GHz		1.2 MAX	X	X
INSERTION LOSS	MUST BE UNDER THE STD. VALUE AT FREQUENCY — TO — GHz		— dB MAX	—	—
CONTACT RESISTANCE	— mA MAX (DC OR 1000 Hz).		— mΩ MAX.	—	—
INSULATION RESISTANCE	— V DC.		— MΩ MIN.	—	—
RESISTANCE VALUE	MEASURE THE RESISTANCE VALUE AT DC1V		50 Ω ± 3 %	X	X
VOLTAGE PROOF	— V AC FOR 1 min.CURRENT LEAKAGE 2mA MAX.		NO FLASHOVER OR BREAKDOWN.	—	—
MECHANICAL CHARACTERISTICS					
MECHANICAL OPERATION	500 TIMES INSERTIONS AND EXTRACTIONS. [APPLICABLE CONNECTOR : H2.4-R-SR2-1]		1) VSWR CHARACTERISTIC SHALL BE MET. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—
VIBRATION	FREQUENCY 10 TO 500 Hz SINGLE AMPLITUDE 0.75 mm, 98 m/s ² AT 10 CYCLES FOR 3 DIRECTIONS.		1) VSWR CHARACTERISTIC SHALL BE MET. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—
SHOCK	490 m/s ² DIRECTIONS OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.			X	—
CABLE CLAMP ROBUSTNESS (AGAINST CABLE PULL)	USING A PULLING TESTER, PULL THE CABLE AXIALLY AT A RATE OF — mm/min. AND RECORD THE STRENGTH AT WHICH THE CABLE OR CONNECTOR BREAKS.		— N MIN.	—	—
ENVIRONMENTAL CHARACTERISTICS					
DAMP HEAT	EXPOSED AT +40 °C, 90~95 % FOR 96 h		1) VSWR CHARACTERISTIC SHALL BE MET. 2) 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.		1) VSWR CHARACTERISTIC SHALL BE MET. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—
CORROSION SALT MIST	EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.		VSWR CHARACTERISTIC SHALL BE MET.	X	—
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
△					
REMARK RoHS COMPLIANT Unless otherwise specified, refer to IEC 60512.			APPROVED	TS.NAKAGAWA	20210913
			CHECKED	AH.MIYAZAKI	20210910
			DESIGNED	TS.KANEKO	20210910
			DRAWN	TS.KANEKO	20210910
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC-393908-00-00
HRS	SPECIFICATION SHEET		PART NO.	H2.4-TMP	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL0353-0174-0-00	△ 1/1