

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