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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			APPROVED	TS.NAKAGAWA	20210913
			CHECKED	AH.MIYAZAKI	20210910
			DESIGNED	TS.KANEKO	20210910
Unless otherwise specified, refer to IEC 60512.			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