

APPLICABLE STANDARD			
RATING	OPERATING TEMPERATURE RANGE	-40 °C TO +85°C(95%RH MAX)	STORAGE TEMPERATURE RANGE -40°C TO +85°C(95%RH MAX)
	POWER	----w	CHARACTERISTIC IMPEDANCE 50 Ω (0 TO Δ 12 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	----- mA MAX (DC OR 1000 Hz).	CENTER CONTACT ----- mΩ MAX.	-	-
		OUTER CONTACT ----- mΩ MAX.	-	-
INSULATION RESISTANCE	100 v DC.	500 MΩ MIN.	X	-
VOLTAGE PROOF	250 V AC FOR 1 min.CURRENT LEAKAGE 2mA MAX.	NO FLASHOVER OR BREAKDOWN.	X	-
VOLTAGE STANDING WAVE RATIO Δ	FREQUENCY 0.045 TO 6 GHz.	VSWR 1.2 MAX.	X	-
	FREQUENCY 6 TO 12 GHz.	VSWR 1.3 MAX.	X	-
INSERTION LOSS	FREQUENCY ---- TO ---- GHz	---- dB MAX.	-	-

MECHANICAL CHARACTERISTICS				
CONTACT INSERTION AND EXTRACTION FORCES	$\phi 0.9017 \begin{matrix} 0 \\ -0.0025 \end{matrix}$ BY STEEL GAUGE.	INSERTION FORCE ----- N MAX.	-	-
		EXTRACTION FORCE 0.3 N MIN	X	-
INSERTION AND WITHDRAWAL FORCES	MEASURED BY APPLICABLE CONNECTOR.	INSERTION FORCE ----- N MAX.	-	-
		EXTRACTION FORCE ----- N MAX.	-	-
MECHANICAL OPERATION	500 TIMES INSERTIONS AND EXTRACTIONS.(HRM) 10000 TIMES INSERTIONS AND EXTRACTIONS.(X.FL)	NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	-
VIBRATION	FREQUENCY -- TO -- Hz SINGLE AMPLITUDE -- mm, -- m/s ² AT -- CYCLES FOR -- DIRECTIONS.	1) NO ELECTRICAL DISCONTINUITY OF 1 μs. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	-	-
SHOCK	-- m/s ² DIRECTIONS OF PULSE -- ms AT -- TIMES FOR -- DIRECTIONS.		-	-
CABLE CLAMP ROBUSTNESS (AGAINST CABLE PULL)	APPLYING A PULL FORCE THE CABLE AXIALLY AT ----- N MAX.	1) NO WITHDRAWAL AND BREAKAGE OF CABLE. 2) NO BREAKAGE OF CLAMP.	-	-

ENVIRONMENTAL CHARACTERISTICS				
DAMP HEAT,CYCLIC	EXPOSED AT -- °C, -- % TOTAL -- h	1) INSULATION RESISTANCE: -- MΩ MIN. (AT HIGH HUMIDITY) 2) INSULATION RESISTANCE: -- MΩ MIN. (AT DRY) 3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	-	-
RAPID CHANGE OF TEMPERATURE	TEMPERATURE → → → TIME → → → min. UNDER CYCLES.	NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	-	-
CORROSION SALT MIST	EXPOSED IN 5% SALT WATER SPRAY FOR 48 h.	NO HEAVY CORROSION.	X	-

COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
2	DIS-D-00000094	KS. TAKAHASHI	MT. KANEKO	15. 03. 02

REMARK RoHS COMPLIANT	APPROVED	MH. YAMANE	11. 05. 28
	CHECKED	NK. NINOMIYA	11. 05. 27
	DESIGNED	MY. KOJIMA	11. 05. 24
	DRAWN	MY. KOJIMA	11. 05. 24

Unless otherwise specified, refer to JIS C 5402.

Note QT:Qualification Test AT:Assurance Test X:Applicable Test	DRAWING NO.	ELC4-328934-00
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HRS	SPECIFICATION SHEET	PART NO.	HRMJ-X. FLP-ST3	
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL311-0450-5-00	Δ 1/1