

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 6 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	FREQUENCY 0.045 TO 6 GHz.		VSWR 1.2 MAX.	X	-
INSERTION LOSS	FREQUENCY ----- TO ----- GHz		----- dB MAX.	-	-
MECHANICAL CHARACTERISTICS					
CONTACT INSERTION AND EXTRACTION FORCES	φ0.9017 ⁰ _{-0.0025} 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
0					
REMARK RoHS COMPLIANT			APPROVED	MY. YAMANE	11. 05. 28
			CHECKED	NK. NINOMIYA	11. 05. 27
			DESIGNED	MY. KOJIMA	11. 05. 24
Unless otherwise specified, refer to JIS C 5402.			DRAWN	MY. KOJIMA	11. 05. 24
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC4-328934-00
HRS	SPECIFICATION SHEET		PART NO.	HRMJ-X. FLP-ST3	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL311-0450-5-00	△ 1/1