

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	50Ω (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	MEASURED BY φ 0.9017 ⁰ _{-0.0025} 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 (W.FL SIDE)	10000 TIMES INSERTIONS AND EXTRACTIONS. (400-600 cycles per hour)		1) 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 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 TO °C, ~ % TOTAL CYCLES (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 → → → °C TIME → → → min. UNDER CYCLES.		NO DAMAGE, CRACK AND LOOSENESS OF PARTS.		- -
CORROSION SALT MIST	EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.		NO AIR LEAKAGE.		X -
COUNT	DESCRIPTION OF REVISIONS		DESIGNED	CHECKED	DATE
0					
REMARK			APPROVED	I.J.MITANI	05.08.10
			CHECKED	KY.SHIMIZU	05.08.10
			DESIGNED	NK.NINOMIYA	05.08.08
			DRAWN	NK.NINOMIYA	05.08.08
Unless otherwise specified, refer to JIS C 5402.					
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC4-310456-00
HRS	SPECIFICATION SHEET		PART NO.	HRMJ-W.FLP-ST3	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL311-0408-9-00	△ 1/1