

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 (HRM (SMA) SIDE)		MEASURED BY φ0.9017 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		10000 TIMES INSERTIONS AND EXTRACTIONS. (W.FL2 SIDE 400-600 cycles per hour) 500 TIMES INSERTIONS AND EXTRACTIONS. (HRM (SMA) SIDE)		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	MH.YAMANE	06.06.22
R o H S C O M P L I A N T Unless otherwise specified, refer to JIS C 5402.				CHECKED	NK.NINOMIYA	06.06.22
				DESIGNED	YK.YASUMURO	06.06.21
				DRAWN	TS.SAWAI	06.06.16
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC4-312900-00	
HRS	SPECIFICATION SHEET		PART NO.		HRMJ-W. FL2P-ST3	
	HIROSE ELECTRIC CO., LTD.		CODE NO.		CL311-0417-0-00	△ 1/1