

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 26.5 GHz)	
	PECULIARITY	_____	APPLICABLE CABLE	_____	
SPECIFICATIONS					
ITEM		TEST METHOD		REQUIREMENTS	QT AT
CONSTRUCTION					
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.		ACCORDING TO DRAWING.	×
MARKING		CONFIRMED VISUALLY.			×
ELECTRIC CHARACTERISTICS					
CONTACT RESISTANCE		100 mA MAX (DC OR 1000 Hz).		CENTER CONTACT 8 mΩ MAX.	×
				OUTER CONTACT 8 mΩ MAX.	×
INSULATION RESISTANCE		500 V DC.		5000 MΩ MIN.	×
VOLTAGE PROOF		1000 V AC FOR 1 min.CURRENT LEAKAGE 2mA MAX.		NO FLASHOVER OR BREAKDOWN.	×
VOLTAGE STANDING WAVE RATIO Δ_1		FREQUENCY 0 TO 26.5 GHz.		VSWR 1.25 MAX. (0 TO 12.4 GHz) VSWR 1.3 MAX. (12.4 TO 18 GHz) VSWR 1.4 MAX. (18 TO 26.5 GHz)	×
INSERTION LOSS		FREQUENCY TO GHz		dB MAX.	—
MECHANICAL CHARACTERISTICS					
CONTACT INSERTION AND EXTRACTION FORCES		EXTRACTION GAUGE: $\phi 0.9017 \pm 0.0025$ STEEL GAUGE.		INSERTION FORCE N MAX.	—
				EXTRACTION FORCE 0.3 N MIN.	×
INSERTION AND WITHDRAWAL FORCES		MEASURED BY APPLICABLE CONNECTOR.		INSERTION FORCE N MAX.	—
				EXTRACTION FORCE N MIN.	—
MECHANICAL OPERATION		1000 TIMES INSERTIONS AND EXTRACTIONS.		1) CONTACT RESISTANCE: CENTER CONTACT 12 mΩMAX. OUTER CONTACT 12 mΩMAX. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	×
VIBRATION		FREQUENCY 10 TO 2000 Hz SINGLE AMPLITUDE 0.75 mm, 196 m/s ² 4 HOURS FOR 3 DIRECTIONS.		1) NO ELECTRICAL DISCONTINUITY OF 1 μs. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	×
SHOCK		1960 m/s ² DIRECTIONS OF PULSE 6 ms FOR 3 DIRECTIONS.			×
ENVIRONMENTAL CHARACTERISTICS					
DAMP HEAT,CYCLIC		EXPOSED AT +25 TO +65 °C, 90~98 % TOTAL 10 CYCLES (240 h)		1) INSULATION RESISTANCE: 100 MΩ MIN. (AT HIGH HUMIDITY) 2) INSULATION RESISTANCE: 1000 MΩ MIN. (AT DRY) 3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	×
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -40 → -- → +85 → -- °C TIME 30 → 3 → 30 → 3 min. UNDER 5 CYCLES.		NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	×
CORROSION SALT MIST		EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.		VSWR 1.4 MAX. (0 TO 26.5 GHz) Δ_1	×
COUNT	DESCRIPTION OF REVISIONS		DESIGNED	CHECKED	DATE
2	DIS-D-00001350		MH. OGUSU	KY. SHIMIZU	16.07.20
REMARK			APPROVED	KY. SHIMIZU	16.07.08
RoHS COMPLIANT			CHECKED	KY. SHIMIZU	16.07.08
The above VSWR performance is confirmed when HRMP-SMA(R)J (CL323-0036-00-0) is mated to HRMJ-SMA(R)P.			DESIGNED	MH. OGUSU	16.07.08
			DRAWN	MH. OGUSU	16.07.08
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC-366797-00-00
HRS	SPECIFICATION SHEET		PART NO.	HRMJ-SMA (R) P	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL323-0035-0-00	Δ 1/1