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 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	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: $\phi 0.9017^{0}_{-0.0025}$ 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(4 h).		×	—
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)	×	—

	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
A					

REMARK
RoHS COMPLIANT
The above VSWR performance is confirmed when HRMJ-SMA(R)J (CL323-0011-00-0) is mated to HRMP-SMA(R)P.

APPROVED	KY. SHIMIZU	16.07.20
CHECKED	KY. SHIMIZU	16.07.20
DESIGNED	MH. OGUSU	16.07.20
DRAWN	MH. OGUSU	16.07.20

Note QT:Qualification Test AT:Assurance Test X:Applicable Test

DRAWING NO. ELC-366791-00-00

HRS	SPECIFICATION SHEET	PART NO.	HRMP-SMA(R)P	
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL323-0009-0-00 A	1/1

FORM HD0011-2-1