	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE		COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
△						△					
△						△					

APPLICABLE STANDARD

RATING	OPERATING TEMPERATURE RANGE	−55°C TO +85°C(95%RH MAX)	STORAGE TEMPERATURE RANGE	−55°C TO +85°C(95%RH MAX)
	POWER	50/√f (GHz) W	CHARACTERISTIC IMPEDANCE	50Ω (0 TO 18 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 0.045 TO 18 GHz.	VSWR 1.2 MAX.	○	—
INSERTION LOSS	FREQUENCY —— TO —— GHz	—— dB MAX.	—	—
MECHANICAL CHARACTERISTICS				
CONTACT INSERTION AND EXTRACTION FORCES	ϕ0.91 $^{+0.05}_{0}$ BY STEEL GAUGE.	INSERTION FORCE	—	—
		EXTRACTION FORCE 1.5 N MIN	○	○
INSERTION AND WITHDRAWAL FORCES	MEASURED BY APPLICABLE CONNECTOR.	INSERTION FORCE —— N MAX.	—	—
		EXTRACTION FORCE —— N MAX.	—	—
MECHANICAL OPERATION	1000 TIMES INSERTIONS AND EXTRACTIONS.	① CONTACT RESISTANCE: CENTER CONTACT 12 mΩMAX.CHANGE OUTER CONTACT 12 mΩMAX.CHANGE ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	○	—
VIBRATION	FREQUENCY 10 TO 2000 Hz SINGLE AMPLITUDE 0.75 mm, 196 m/s² AT 4 HOURS FOR 3 DIRECTIONS.	① NO ELECTRICAL DISCONTINUITY OF 1 μs. ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	○	—
SHOCK	1960 m/s² DIRECTIONS OF PULSE 6 ms AT 3 TIMES FOR 3 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 +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 −55 → — → +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.	NO HEAVY CORROSION.	○	—

REMARKS	DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
Unless otherwise specified, refer to JIS C 5402.	H. Watanabe '01.10.12	H. Ninomiya '01.10.12	O. Mitani '01.10.12	F. Kobayashi '01.10.12	

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

HRS HIROSE ELECTRIC CO., LTD.	SPECIFICATION SHEET	PART NO. HRMP (PO) −HRMJ

CODE NO.(OLD)	DRAWING NO.	PART NO.	
CL396-5570-4	ELC4−138460	CL323−0741−8	1/1

FORM No.231-1

TO
RF