

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	— W	CHARACTERISTIC IMPEDANCE	50Ω (0 TO 28 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	4 mΩ MAX.		×	×
			OUTER CONTACT	4 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 28 GHz.		VSWR	1.4 MAX. (0.045 TO 20GHz)		×	—
			VSWR	1.7 MAX. (20 TO 28GHz)			
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	500 TIMES INSERTIONS AND EXTRACTIONS.		1) CONTACT RESISTANCE: CENTER CONTACT 6 mΩMAX. OUTER CONTACT 6 mΩMAX. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			×	—
VIBRATION	FREQUENCY 10 TO 2000 Hz SINGLE AMPLITUDE 0.75 mm, 196 m/s ² AT 10 CYCLES 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 AT 3 TIMES 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: 5000 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.			×	—
COUNT	DESCRIPTION OF REVISIONS		DESIGNED		CHECKED		DATE
0							
REMARK RoHS COMPLIANT THE COUPLING TIGHTENING TORQUE : 0.6 TO 0.8N·m				APPROVED	MH. YAMANE		12.02.08
				CHECKED	MH. TSUCHIDA		12.02.08
				DESIGNED	RO. YOKOYAMA		12.02.07
				DRAWN	RO. YOKOYAMA		12.02.07
Note QT:Qualification Test AT:Assurance Test X:Applicable Test				DRAWING NO.		ELC4-342452-00	
HRS	SPECIFICATION SHEET		PART NO.	HRM (G)-300-467B-1			
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL323-0937-0-00		△	1/1