


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	50 Ω (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.	X X
MARKING		CONFIRMED VISUALLY.			- -
ELECTRIC CHARACTERISTICS					
CONTACT RESISTANCE		100 mA MAX (DC OR 1000 Hz).		CENTER CONTACT 4 mΩ MAX.	X X
				OUTER CONTACT 4 mΩ MAX.	X X
INSULATION RESISTANCE		500 V DC.		5000 MΩ MIN.	X X
VOLTAGE PROOF		1000 V AC FOR 1 min.CURRENT LEAKAGE 2mA MAX.		NO FLASHOVER OR BREAKDOWN.	X X
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)	X -
INSERTION LOSS		FREQUENCY TO GHz		dB MAX.	- -
MECHANICAL CHARACTERISTICS					
CONTACT INSERTION AND EXTRACTION FORCES		EXTRACTION GAUGE: $\phi 0.9017 \begin{smallmatrix} 0 \\ -0.0025 \end{smallmatrix}$ STEEL GAUGE.		INSERTION FORCE N MAX.	- -
				EXTRACTION FORCE 0.3 N MIN.	X X
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.	X -
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.	X -
SHOCK		1960 m/s ² DIRECTIONS OF PULSE 6 ms AT 3 TIMES FOR 3 DIRECTIONS.			X -
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.	X -
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -55 → - → +85 → - °C TIME 30 → 3 → 30 → 3 min. UNDER 5 CYCLES.		NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X -
CORROSION SALT MIST		EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.		NO HEAVY CORROSION.	X -
COUNT	DESCRIPTION OF REVISIONS		DESIGNED	CHECKED	DATE
0					
REMARK			APPROVED	KY. SHIMIZU	15.01.17
RoHS COMPLIANT			CHECKED	KY. SHIMIZU	15.01.17
THE COUPLING TIGHTENING TORQUE : 0.6 TO 0.8N•m			DESIGNED	RO. YOKOYAMA	15.01.17
			DRAWN	RO. YOKOYAMA	15.01.17
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC-339102-00-00
HRS	SPECIFICATION SHEET		PART NO.	HRM (G) -300-467B-2	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL323-0923-5-00	 1/1