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In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

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)	X	-
				VSWR	1.7 MAX. (20 TO 28GHz)		
INSERTION LOSS	FREQUENCY TO GHz			dB MAX.		-	-
MECHANICAL CHARACTERISTICS							
CONTACT INSERTION AND EXTRACTION FORCES	EXTRACTION GAUGE: $\phi 0.9017 \begin{smallmatrix} 0 \\ -0.0025 \end{smallmatrix}$ 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