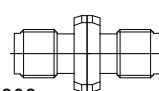


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In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

APPLICABLE STANDARD		MIL-STD-348B			
RATING	OPERATING TEMPERATURE RANGE	- 55° C TO + 105° C (95%RH MAX)	STORAGE TEMPERATURE RANGE	- 55° C TO + 50° C (95%RH MAX)	
	POWER	—W	CHARACTERISTIC IMPEDANCE	50 Ω (0 TO 40 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	2 mΩ MAX.	X X
INSULATION RESISTANCE	500 V DC.		1000 MΩ MIN.		X X
VOLTAGE PROOF	500 V AC FOR 1 min. CURRENT LEAKAGE 2mA MAX.		NO FLASHOVER OR BREAKDOWN.		X X
VOLTAGE STANDING WAVE RATIO	FREQUENCY 0.04 TO 40 GHz		VSWR	1.10 MAX. (0.04 to 18 GHz)	X —
	□ TEST METHOD IS Back to Back		VSWR	1.15 MAX. (18 to 26.5 GHz)	
			VSWR	1.30 MAX. (26.5 to 40 GHz)	
INSERTION LOSS	FREQUENCY — TO — GHz		— dB MAX.		— —
MECHANICAL CHARACTERISTICS					
CONTACT INSERTION AND EXTRACTION FORCES	0 Φ0.9195 -0.0025 BY STEEL GAUGE.		INSERTION FORCE	— N MAX.	— —
			EXTRACTION FORCE	0.4 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 mΩ MAX. CHANGE OUTER CONTACT 4 mΩ MAX. CHANGE		X —
VIBRATION	FREQUENCY 10 TO 2000 Hz SINGLE AMPLITUDE 0.75 mm, 196 m/s ² AT 12 CYCLES FOR 3 DIRECTIONS.		1) NO ELECTRICAL DISCONTINUITY OF 1 μs.		X —
			2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.		
SHOCK	1960 m/s ² DIRECTIONS OF PULSE 6 ms AT 3 TIMES FOR 3 DIRECTIONS.		2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.		X —
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	EXPOSED AT -10 TO +65°C, 90 TO 98 % TOTAL 10 CYCLES (240h)		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.		X —
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55 → — → +105 → — °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 48h.		NO HEAVY CORROSION.		X —
COUNT	DESCRIPTION OF REVISIONS		DESIGNED	CHECKED	DATE
REMARK	RoHS COMPLIANT Note □ Measurement state of Back to Back.		APPROVED	KY. SHIMIZU	15.10.22
			CHECKED	TO. KATAYAMA	15.10.22
			DESIGNED	NK. OOSAWA	15.10.22
			DRAWN	NK. OOSAWA	15.10.22
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC-366760-11-00
HRS	SPECIFICATION SHEET		PART NO.	HK-R-SR2-1 (11)	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL338-0003-0-11	△ 1/1