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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	-40°C TO +85°C (95%RH MAX)	STORAGE TEMPERATURE RANGE	-40°C TO +85°C (95%RH MAX)	
	POWER	— W	CHARACTERISTIC IMPEDANCE	50 Ω (0 TO Δ 12 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.			X	X
ELECTRIC CHARACTERISTICS					
CONTACT RESISTANCE	10 mA MAX (DC OR 1000 Hz).		CENTER CONTACT 20 mΩ MAX.	X	X
			OUTER CONTACT 10 mΩ MAX.	X	X
INSULATION RESISTANCE	100 V DC.		500 MΩ MIN.	X	X
VOLTAGE PROOF	250 V AC FOR 1 min. CURRENT LEAKAGE 2mA MAX.		NO FLASHOVER OR BREAKDOWN.	X	X
VOLTAGE STANDING WAVE RATIO	FREQUENCY 0.045 TO 6 GHz.		VSWR 1.25 MAX.	X	—
	Δ FREQUENCY 6 TO 12 GHz.		VSWR 1.4 MAX.	X	—
INSERTION LOSS	FREQUENCY — TO — GHz		— dB MAX.	—	—
MECHANICAL CHARACTERISTICS					
CENTER CONTACT EXTRACTION FORCES	— BY STEEL GAUGE.		INSERTION FORCE — N MAX.	—	—
			EXTRACTION FORCE — 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 25 mΩ MAX. OUTER CONTACT 15 mΩ MAX. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—
VIBRATION	FREQUENCY — TO — Hz SINGLE AMPLITUDE — mm, — m/s ² AT — CYCLES FOR — DIRECTIONS.		1) NO ELECTRICAL DISCONTINUITY OF — μs. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	—	—
SHOCK	— m/s ² DIRECTIONS OF PULSE — ms AT — TIMES FOR — 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	EXPOSED AT +25 °C TO +65 °C、80~96 % TOTAL 10 CYCLES (240H)		1) INSULATION RESISTANCE: 10 MΩ MIN. (AT HIGH HUMIDITY) 2) INSULATION RESISTANCE: 500 MΩ MIN. (AT DRY) 3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -40 → 5-35 → +85 → 5-35°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	—
Δ	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
1	2	DIS-D-00000094	KS. TAKAHASHI	MT. KANEKO	15. 03. 02
REMARK			APPROVED	10. 03. 21	
RoHS COMPLIANT			CHECKED	NK. NINOMIYA	10. 03. 20
			DESIGNED	MY. KOJIMA	10. 03. 18
Unless otherwise specified, refer to JIS C 5402.			DRAWN	MY. KOJIMA	10. 03. 18
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.	ELC4-319144-00	
HRS	SPECIFICATION SHEET		PART NO.	HRMP-X. FLJ	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL311-0435-1-00	Δ 1/1