

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 $\Delta$ 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 $\Delta$	FREQUENCY 0.045 TO 6 GHz.	VSWR 1.25 MAX.	X	—
	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 <sup>2</sup> AT — CYCLES FOR — DIRECTIONS.	1) NO ELECTRICAL DISCONTINUITY OF — μs. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	—	—
SHOCK	— m/s <sup>2</sup> 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	—

$\Delta$	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
1	2	DIS-D-00000094	KS. TAKAHASHI	MT. KANEKO	15. 03. 02

REMARK RoHS COMPLIANT	APPROVED	MH. YAMANE	10. 03. 21
	CHECKED	NK. NINOMIYA	10. 03. 20
	DESIGNED	MY. KOJIMA	10. 03. 18
	DRAWN	MY. KOJIMA	10. 03. 18

Unless otherwise specified, refer to JIS C 5402.

Note QT:Qualification Test AT:Assurance Test X:Applicable Test	DRAWING NO.	ELC4-319144-00
--	-------------	----------------

<b>HRS</b>	SPECIFICATION SHEET	PART NO.	HRMP-X. FLJ		
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL311-0435-1-00	$\Delta$	1/1