

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 6 GHz)
	PECULIARITY	—	APPLICABLE CABLE	—

SPECIFICATIONS

ITEM	TEST METHOD	REQUIREMENTS	QT	AT
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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	—
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 mΩMAX. OUTER CONTACT 15 mΩMAX. 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	—

△	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
0					

REMARK RoHS COMPLIANT	APPROVED	MH. YAMANE	09.02.18
	CHECKED	NK. NINOMIYA	09.02.17
	DESIGNED	TM. YOSHIDA	09.02.17
	DRAWN	TM. YOSHIDA	09.02.17

Unless otherwise specified, refer to JIS C 5402.

Note QT:Qualification Test AT:Assurance Test X:Applicable Test	DRAWING NO.	ELC4-305238-00
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HRS	SPECIFICATION SHEET	PART NO.	HRMP-W. FL2J		
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL311-0394-6-00		1/1