

<b>APPLICABLE STANDARD</b>			
RATING	OPERATING TEMPERATURE RANGE	-40 °C TO +85°C(90%RH MAX)	STORAGE TEMPERATURE RANGE -40°C TO +85°C(90%RH MAX)
	POWER	----w	CHARACTERISTIC IMPEDANCE 50 Ω ( 0 TO 6 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 14 mΩ MAX.	X	X
		OUTER CONTACT 14 mΩ MAX.	X	X
INSULATION RESISTANCE	250 V DC.	1000 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 1.2 MAX.	X	-
INSERTION LOSS	FREQUENCY 0.045 TO 6 GHz	0.2 dB MAX.	X	-

#### MECHANICAL CHARACTERISTICS

CONTACT INSERTION AND EXTRACTION FORCES	$\phi 0.91^{+0.005}_0$ BY STEEL GAUGE. (HRM)	INSERTION FORCE ---- N MAX.	-	-
		EXTRACTION FARCE 1.5 N MIN	X	X
INSERTION AND WITHDRAWAL FORCES	MEASURED BY APPLICABLE CONNECTOR.	INSERTION FORCE ---- N MAX.	-	-
		EXTRACTION FARCE ---- N MIN	-	-
MECHANICAL OPERATION	50 TIMES INSERTIONS AND EXTRACTIONS. (H.FL)	1) CONTACT RESISTANCE: CENTER CONTACT 21 mΩMAX.CHANGE OUTER CONTACT 21 mΩMAX.CHANGE 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	-
VIBRATION	FREQUENCY 10 TO 500 Hz SINGLE AMPLITUDE 0.75 mm, 98 m/s <sup>2</sup> AT 10 CYCLES FOR 3 DIRECTIONS.	1) NO ELECTRICAL DISCONTINUITY OF 1 μs. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	-
SHOCK	490 m/s <sup>2</sup> DIRECTIONS OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.		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,CYCLIC	EXPOSED AT +25 TO +65 °C, 80~96 % TOTAL 10 CYCLES ( 240 h)	1) INSULATION RESISTANCE: 10 MΩ MIN. (AT HIGH HUMIDITY) 2) INSULATION RESISTANCE: 100 MΩ MIN. (AT DRY) 3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	-
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -40 → - → +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 RoHS COMPLIANT	APPROVED	MH. YAMANE	10.12.21
	CHECKED	NK. NINOMIYA	10.12.21
	DESIGNED	MT. KANEKO	10.12.21
	DRAWN	KH. HIKITA	10.12.16

Unless otherwise specified, refer to JIS C 5402.

Note QT:Qualification Test AT:Assurance Test X:Applicable Test	DRAWING NO.	ELC4-305759-40
--	-------------	----------------

<b>HRS</b>	SPECIFICATION SHEET	PART NO.	HRMJ-H. FLJ-WPA (40)		
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL311-0398-7-40		1/1