

APPLICABLE STANDARD					
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	φ0.91 ^{+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 ² 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 ² 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
Unless otherwise specified, refer to JIS C 5402.			DRAWN	KH. HIKITA	10. 12. 16
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC4-305759-40
HRS	SPECIFICATION SHEET		PART NO.	HRMJ-H. FLJ-WPA (40)	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL311-0398-7-40	△ 1/1