

APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE	-40°C TO +90°C(90%RH MAX)		STORAGE TEMPERATURE RANGE	-40°C TO +90°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		10 mA MAX (DC OR 1000 Hz).		CENTER CONTACT 14 mΩ MAX.	X X
				OUTER CONTACT 14 mΩ MAX.	X X
INSULATION RESISTANCE		100 V DC.		500 MΩ MIN.	X X
VOLTAGE PROOF		200 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 TO GHz		dB MAX.	- -
MECHANICAL CHARACTERISTICS					
CONTACT INSERTION AND EXTRACTION FORCES		[HRM] EXTRACTION GAUGE: $\phi 0.91^{+0.005}_0$ STEEL GAUGE.		INSERTION FORCE N MAX.	- -
				EXTRACTION FORCE 1.5 N MIN.	X X
INSERTION AND WITHDRAWAL FORCES		MEASURED BY APPLICABLE CONNECTOR.		INSERTION FORCE N MAX.	- -
				EXTRACTION FORCE N MIN.	- -
MECHANICAL OPERATION		[HRM] 500 TIMES INSERTIONS AND EXTRACTIONS. [U.FL] 30 TIMES INSERTIONS AND EXTRACTIONS.		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 100 Hz SINGLE AMPLITUDE 1.5 mm, 59 m/s ² AT 5 CYCLES FOR 3 DIRECTIONS.		1) NO ELECTRICAL DISCONTINUITY OF 1 μs. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X -
SHOCK		735 m/s ² DIRECTIONS OF PULSE 11 ms AT 3 TIMES FOR 6 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 +40 °C, 95 % TOTAL CYCLES (96 h)		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 → +90 → 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	10.08.04
			CHECKED	TS. NOBE	10.08.04
			DESIGNED	YI. FUNADA	10.08.03
Unless otherwise specified, refer to JIS C 5402.			DRAWN	YI. FUNADA	10.08.03
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC4-300041-40
HRS	SPECIFICATION SHEET		PART NO.	HRMJ-U. FLJ-PA-1 (40)	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL311-0364-5-40	 1/1