

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 Δ 8 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	10 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 5 GHz.		VSWR	1.2 MAX.	X	—
Δ		FREQUENCY 5 TO 8 GHz.		VSWR	1.3 MAX.		
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 EXTRACTION 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 15 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.		Δ VSWR SPEC WITHIN STANDARD		X	—
	COUNT	DESCRIPTION OF REVISIONS		DESIGNED		CHECKED	DATE
Δ	3	DIS-D-00004690		NK. NINOMIYA		TS. NOBE	20200207
REMARK				APPROVED	I.J. MITANI	20051124	
				CHECKED	KY. SHIMIZU	20051124	
				DESIGNED	TO. KATAYAMA	20051122	
				DRAWN	YK. SUGIYAMA	20051122	
Unless otherwise specified, refer to JIS C 5402.							
Note QT:Qualification Test AT:Assurance Test X:Applicable Test				DRAWING NO.		ELC4-131959-40	
HRS	SPECIFICATION SHEET			PART NO.		HRMP-U. FLJ (40)	
	HIROSE ELECTRIC CO., LTD.			CODE NO.		CL311-0300-2-40	Δ 1/1