

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 $\Delta$ 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 $\Delta$	FREQUENCY 0.045 TO 5 GHz.		VSWR	1.2 MAX.	X	—	
	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 <sup>2</sup> AT — CYCLES FOR — DIRECTIONS.		1) NO ELECTRICAL DISCONTINUITY OF — μs. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.		—	—	
SHOCK	— m/s <sup>2</sup> 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.		$\Delta$ VSWR SPEC WITHIN STANDARD		X	—	
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE		
$\Delta$	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		
<b>HRS</b>	SPECIFICATION SHEET		PART NO.	HRMP-U. FLJ (40)			
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL311-0300-2-40	$\Delta$	1/1	