

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	50Ω (0 TO 3 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		250 V DC.		1000 MΩ MIN.	X	X
VOLTAGE PROOF		300 V AC FOR 1 min.CURRENT LEAKAGE 2mA MAX.		NO FLASHOVER OR BREAKDOWN.	X	X
VOLTAGE STANDING WAVE RATIO		FREQUENCY 0.045 TO 3 GHz.		VSWR 1.2 MAX.	X	—
INSERTION LOSS		FREQUENCY TO GHz		dB MAX.	—	—
MECHANICAL CHARACTERISTICS						
CONTACT INSERTION AND EXTRACTION FORCES		BY STEEL GAUGE.		INSERTION FORCE N MAX.	—	—
				EXTRACTION FORCE N MIN	—	—
INSERTION AND WITHDRAWAL 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.CHANGE OUTER CONTACT 15 mΩMAX.CHANGE 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,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 -55 → - → +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				APPROVED	IJ.MITANI	05.09.14
RoHS COMPLIANT				CHECKED	KY.SHIMIZU	05.09.13
				DESIGNED	TO.KATAYAMA	05.09.13
Unless otherwise specified, refer to JIS C 5402.				DRAWN	MT.KANEKO	05.09.05
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC4-047043-40	
HRS	SPECIFICATION SHEET		PART NO.	HRMP-H. FLJ (40)		
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL311-0232-4-40	△	1/1