

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 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.			- -
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		200 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		[HRM] $\phi 0.91^{+0.005}_0$ BY STEEL GAUGE.		EXTRACTION FORCE 1.5 ~ 4.9 N	X X
		[E.FL] $\phi 0.475^{+0.004}_0$ BY STEEL GAUGE.		EXTRACTION FORCE 0.2 ~ 2 N	X X
INSERTION AND WITHDRAWAL FORCES		MEASURED BY APPLICABLE CONNECTOR.[E.FL]		INSERTION FORCE ---- N MAX.	- -
				EXTRACTION FORCE 20 N MAX.	X X
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 +26 °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 → - → 30 → - 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
Δ					
REMARK			APPROVED	MH. YAMANE	12. 03. 27
RoHS COMPLIANT.			CHECKED	NK. NINOMIYA	12. 03. 27
			DESIGNED	YI. FUNADA	12. 03. 22
Unless otherwise specified, refer to JIS C 5402.			DRAWN	YI. FUNADA	12. 03. 22
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC4-130515-40
HRS	SPECIFICATION SHEET		PART NO.	HRMJ-E. FLP (40)	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL311-0278-5-40	Δ 1/1