

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		mA MAX (DC OR 1000 Hz).		CENTER CONTACT mΩ MAX.	— —
				OUTER CONTACT mΩ MAX.	— —
INSULATION RESISTANCE		250 V DC.		500 MΩ MIN.	X —
VOLTAGE PROOF		300 V AC FOR 1 min.CURRENT LEAKAGE 2mA MAX.		NO FLASHOVER OR BREAKDOWN.	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		φ 0.9017 ⁺⁰ / _{-0.0025} BY STEEL GAUGE.		INSERTION FORCE N MAX.	— —
				EXTRACTION FARCE 0.3 N MIN.	X —
INSERTION AND WITHDRAWAL FORCES		MEASURED BY APPLICABLE CONNECTOR.		INSERTION FORCE N MAX.	— —
				EXTRACTION FARCE N MIN.	— —
MECHANICAL OPERATION		10000 TIMES INSERTIONS AND EXTRACTIONS. (400-600 cycles per hour)		① CONTACT RESISTANCE: CENTER CONTACT mΩMAX.CHANGE OUTER CONTACT 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 μ s. 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 TO °C, % TOTAL CYCLES (h)		① INSULATION RESISTANCE: MΩ MIN. (AT HIGH HUMIDITY) ② INSULATION RESISTANCE: MΩ MIN. (AT DRY) ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	— —
RAPID CHANGE OF TEMPERATURE		TEMPERATURE → → → °C TIME → → → min. UNDER CYCLES.		NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	— —
CORROSION SALT MIST		EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.		NO HEAVY CORROSION.	X —
△	COUNT	DESCRIPTION OF REVISIONS		DESIGNED	CHECKED
0					
REMARK RoHS COMPLIANT				APPROVED	MH. YAMANE 09. 01. 06
				CHECKED	NK. NINOMIYA 09. 01. 05
				DESIGNED	TM. YOSHIDA 08. 12. 24
				DRAWN	TM. YOSHIDA 08. 12. 24
Unless otherwise specified, refer to JIS C 5402.					
Note QT:Qualification Test AT:Assurance Test X:Applicable Test				DRAWING NO.	ELC4-300595-41
HRS		SPECIFICATION SHEET		PART NO.	HRMJ-U. FLP-LA-3 (41)
		HIROSE ELECTRIC CO., LTD.		CODE NO.	CL311-0373-6-41
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