

	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE		COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
△						△					
△						△					

APPLICABLE STANDARD				
RATING	OPERATING TEMPERATURE RANGE	-40°C TO +85°C(95%RH MAX)	STORAGE TEMPERATURE RANGE	-40°C TO +85°C(95%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.		—	—		
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	BY STEEL GAUGE.	EXTRACTION FORCE N	—	—		
	φ 0.9017 ⁺⁰ / _{-0.0025} BY STEEL GAUGE.	EXTRACTION FORCE 0.3 N MIN.	X	—		
INSERTION AND WITHDRAWAL FORCES	MEASURED BY APPLICABLE CONNECTOR.	INSERTION FORCE N MAX.	—	—		
		EXTRACTION FORCE N MAX.	—	—		
MECHANICAL OPERATION	10000 TIMES INSERTIONS AND EXTRACTIONS. (400-600 cycles per hour)	① 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 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	—		
REMARKS RoHS COMPLIANT		DRAWN n. Ninomiya '05.05.23	DESIGNED n. Ninomiya '05.05.23	CHECKED m. Yamane '05.05.23	APPROVED I, Mitani '05.05.24	RELEASED
Unless otherwise specified, refer to JIS C 5402.						
Note QT:Qualification Test AT:Assurance Test O:Applicable Test						
HS HIROSE ELECTRIC CO., LTD.		SPECIFICATION SHEET		PART NO. HRMJ-U. FLP-LA-3 (40)		
CODE NO.(OLD) CL311.-0373-6-00	DRAWING NO. ELC4-300595-40	PART NO. CL311-0373-6-40		1/1		

DRAWING FOR REFERENCE: This is subject to change without notice
08/11/2012

TO
RF