	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 6 GHz)
	PECULIARITY	——	APPLICABLE CABLE	——

SPECIFICATIONS

ITEM	TEST METHOD	REQUIREMENTS	QT	AT
CONSTRUCTION				
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	×	×
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.	×	—
VOLTAGE PROOF	300 V AC FOR 1 min.CURRENT LEAKAGE 2mA MAX.	NO FLASHOVER OR BREAKDOWN.	×	—
VOLTAGE STANDING WAVE RATIO	FREQUENCY 0.045 TO 6 GHz.	VSWR 1．2 MAX.	×	—
INSERTION LOSS	FREQUENCY TO GHz	dB MAX.	—	—
MECHANICAL CHARACTERISTICS				
CONTACT INSERTION AND EXTRACTION FORCES	BY STEEL GAUGE.	EXTRACTION FORCE N	—	—
	ϕ0.9017 $^{+0}_{-0.0025}$ BY STEEL GAUGE.	EXTRACTION FORCE 0.3 N MIN.	×	—
INSERTION AND WITHDRAWAL FORCES	MEASURED BY APPLICABLE CONNECTOR.	INSERTION FORCE N MAX.	—	—
		EXTRACTION FARCE N MAX.	—	—
MECHANICAL OPERATION	10000 TIMES INSERTIONS AND EXTRACTIONS. (400-600 cycles per hour)	① NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	×	—
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.	×	—

REMARKS	DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
RoHS CONPLIANT	N. Ninomiya '05.05.23	N. Ninomiya '05.05.23	M. Yamane '05.05.23	J. Mutasi '05.05.24	
Unless otherwise specified, refer to JIS C 5402.					

Note QT:Qualification Test AT:Assurance Test O:Applicable Test

HRS HIROSE ELECTRIC CO., LTD.	SPECIFICATION SHEET	PART NO. HRMJ−U. FLP−ST1A (40)	
CODE NO.(OLD) CL311.-0397-4-00	DRAWING NO. ELC4−305652−40	PART NO. CL311−0397−4−40	1/1

FORM No.231-1

TO
RF