

APPLICABLE STANDARD							
RATING	OPERATING TEMPERATURE RANGE	-40 °C TO +105°C(90%RH MAX)		STORAGE TEMPERATURE RANGE	-30°C TO +70°C(90%RH MAX)		
	POWER	—— W		CHARACTERISTIC IMPEDANCE	50 Ω (0 TO 8 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 20 mΩ MAX.	X	—	
				OUTER CONTACT 10 mΩ MAX.	X	—	
INSULATION RESISTANCE		100 V DC.		500 MΩ MIN.	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 6 GHz.		VSWR 1.3 MAX.	X	—	
		FREQUENCY 6 TO 8 GHz.		VSWR 1.4 MAX.			
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 EXTRACTION FORCES		MEASURED BY APPLICABLE CONNECTOR.		INSERTION FORCE ——— N MAX.	—	—	
				EXTRACTION FORCE ——— N MAX.	—	—	
MECHANICAL OPERATION		30 TIMES INSERTIONS AND EXTRACTIONS.		1) CONTACT RESISTANCE: CENTER CONTACT 25 mΩMAX. OUTER CONTACT 15 mΩMAX. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—	
VIBRATION		FREQUENCY 10 TO 100 Hz SINGLE AMPLITUDE 1.5 mm, 59 m/s ² AT 5 CYCLES FOR 3 DIRECTIONS.		1) NO ELECTRICAL DISCONTINUITY OF 1μs. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—	
SHOCK		735 m/s ² DIRECTIONS OF PULSE 11 ms AT 3 TIMES FOR 6 DIRECTIONS.			X	—	
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 40 °C, 95 % TOTAL 96 h		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→ +105→ 5-35°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.		VSWR 1.3 MAX.	X	—	
	COUNT	DESCRIPTION OF REVISIONS		DESIGNED	CHECKED	DATE	
	1	DIS-D-00005074		NK. NINOMIYA	TS. NOBE	20200619	
REMARK 100PCS / PACK				APPROVED	MH. YAMANE	20111115	
				CHECKED	NK. NINOMIYA	20111114	
				DESIGNED	YI. FUNADA	20111110	
				DRAWN	YI. FUNADA	20111110	
Unless otherwise specified, refer to JIS C 5402.							
Note QT:Qualification Test AT:Assurance Test X:Applicable Test				DRAWING NO.		ELC4-302540-01	
	SPECIFICATION SHEET			PART NO.		U. FL-R-SMT-1 (01)	
	HIROSE ELECTRIC CO., LTD.			CODE NO.		CL331-0472-2-01	 1/1