APPLICA	BLE STAN	IDARD								
OPERATIN TEMPERA		RE RANGE	-40 °C TO +90°C(90%RH MAX)		STORAGE TEMPERATURE RANG		-20°C TO +70°C(90%RH MAX)			
RATING	POWER				CHARACTE IMPEDANC		50 Ω (0 TO 6 GHz)			
	PECULIARIT	Υ			RECEPTA	CLES	U.FL-R-SMT-1	U.FL-R-SMT-1		
	1		SPEC	IFICA	TIONS					
l I	ГЕМ		TEST METHOD			REQ	UIREMENTS	QT	АТ	
CONSTR	RUCTION				l					
GENERAL EX	AMINATION	VISUALLY AND BY MEASURING INSTRUMENT.			ACCO	RDING TO DRA	AWING.	Х	X	
MARKING		CONFIRMED VISUALLY.						X	X	
ELECTR	IC CHARA	CTERI	STICS		l					
CONTACT RESISTANCE		10 mA	10 mA MAX (DC OR 1000 Hz).			CENTER CONTACT 25 mΩ MAX.			Τ-	
					OUTE	OUTER CONTACT 10 $m\Omega$ MAX.			1-	
INSULATION RESISTANCE		100 V DC.				500 MΩ MIN.			-	
VOLTAGE PROOF		200 V AC FOR 1 min.CURRENT LEAKAGE 2mA MAX.			MAX. NO FL	NO FLASHOVER OR BREAKDOWN.			X	
VOLTAGE STANDING WAVE RATIO INSERTION LOSS		FREQUENCY 0.045 TO 3 GHz.			VSWF	VSWR 1.3 MAX.				
		FREQUENCY 3 TO 6 GHz.			VSWF	VSWR 1.5 MAX.			-	
		FREQUENCY —— TO —— GHz				dBMAX			Τ-	
MECHAN	NICAL CHA	ARACTI	ERISTICS							
	SERTION AND	T				TION FORCE	——— N MAX.	Τ-	Τ-	
EXTRACTION	FORCES	$\phi 0.475^{+0}_{-0.004}$ BY STEEL GAUGE.			E. EXTRA	ACTION FORCE	E 0.15 N MIN.	Х	1-	
INSERTION A	ND	MEASURED BY APPLICABLE CONNECTOR.				TION FORCE	——— N MAX.	<u> </u>	1-	
WITHDRAWAL FORCES					EXTRA	ACTION FORCE	E 3N TO 20N	X	1-	
MECHANICAL OPERATION		10 TIMES INSERTIONS AND EXTRACTIONS.			CE OL 2) NO	1) CONTACT RESISTANCE: CENTER CONTACT 30 m Ω MAX. OUTER CONTACT 15 m Ω MAX. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			-	
VIBRATION		FREQUENCY 10 TO 100 Hz SINGLE AMPLITUDE 1.5 mm, 59 m/s ² AT 5 CYCLES FOR 3 DIRECTIONS.			1) NO	1) NO ELECTRICAL DISCONTINUITY OF 1 µs. 2) NO DAMAGE, CRACK AND LOOSENESS			-	
SHOCK		735 m/s ² DIRECTIONS OF PULSE 11 ms AT 3 TIMES FOR 6 DIRECTIONS.			OF	PARTS.		X	1_	
CABLE CLAM	IP	APPLYING A PULL FORCE THE CABLE AXIALLY			1) NO	1) NO WITHDRAWAL AND BREAKAGE OF			+	
ROBUSTNESS		AT N MAX.				CABLE.			-	
(AGAINST CABLE PULL)		L . CHARACTERISTICS			2) NO	2) NO BREAKAGE OF CLAMP.				
DAMP HEAT		EXPOSE	POSED AT 40 °C, 95 % DTAL 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.			_	
RAPID CHANGE OF TEMPERATURE		TEMPERATURE $-40 \rightarrow 5-35 \rightarrow +90 \rightarrow 5-35 ^{\circ} \text{C}$ TIME $30 \rightarrow 5 \rightarrow 30 \rightarrow 5 \text{ min.}$ UNDER 5 CYCLES.				NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			-	
CORROSION SALT MIST		EXPOSED IN 5% SALT WATER SPRAY FOR 48 h.			NO H	NO HEAVY CORROSION.			-	
COUN	IT D	ESCRIPTI	ON OF REVISIONS DES		DESIGNED	GNED CHECKED			ATE	
<u>A</u>										
		LASTIC REEL ROHS COMPLIANT to a 50Ω glass epoxy board and				APPROVE	MH. YAMANE	09.0	09. 24	
			conducted with SMA conversion adapters attached.			CHECKED		_	09. 24	
		,				DESIGNED			09. 18	
Unless oth	erwise speci	fied, refer	ed, refer to JIS C 5402.			DRAWN MT. KANEKO		09.0	09. 18	
Note QT:Q	ualification Te	st AT:Ass	surance Test X:Applicable Te	DRAWI	RAWING NO. ELC4-32077		71–10			
HS.	S	SPECIFICATION SHEET			PART NO.	RT NO. U. FL-PR-SMT2		(10)		
	HIR	HIROSE ELECTRIC CO., LTD.			CODE NO.	CL33	31-0802-5-10	\triangle	1/1	

FORM HD0011-2-1



