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In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

APPLICABLE STANDARD						
RATING	OPERATING TEMPERATURE RANGE	-40 °C TO Δ +105°C(90%RH MAX)	STORAGE TEMPERATURE RANGE	-30°C TO +70°C(90%RH MAX)		
	POWER	--- W	CHARACTERISTIC IMPEDANCE	50 Ω (0 TO Δ 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 m Ω MAX.	X	-
			OUTER CONTACT	10 m Ω MAX.	X	-
INSULATION RESISTANCE	100 V DC.		500 M Ω 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 Δ 8 GHz.		VSWR	1.3 MAX.	X	-
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 m Ω MAX. OUTER CONTACT 15 m Ω MAX. 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 1 μ s. 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 M Ω MIN. (AT HIGH HUMIDITY) 2) INSULATION RESISTANCE: 500 M Ω MIN. (AT DRY) 3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.		X	-
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -40 \rightarrow 5-35- Δ +105 \rightarrow 5-35°C TIME 30 \rightarrow 3 \rightarrow 30 \rightarrow 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	
Δ	4	DIS-D-00004689	NK. NINOMIYA	TS. NOBE	20200205	
REMARK			APPROVED	MH. YAMANE	20111115	
100PCS /PACK			CHECKED	NK. NINOMIYA	20111114	
			DESIGNED	YI. FUNADA	20111110	
Unless otherwise specified, refer to JIS C 5402.			DRAWN	YI. FUNADA	20111110	
Note	QT:Qualification Test AT:Assurance Test X:Applicable Test		DRAWING NO.		ELC4-302540-01	
HRS	SPECIFICATION SHEET		PART NO.	U. FL-R-SMT-1 (01)		
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL331-0472-2-01	Δ	1/1