

APPLICABLE STANDARD			
RATING	OPERATING TEMPERATURE RANGE	-40 °C TO +90°C(90%RH MAX)	STORAGE TEMPERATURE RANGE -30°C TO +70°C(90%RH MAX)
	POWER	-w	CHARACTERISTIC IMPEDANCE 50 Ω ( 0 TO 6 GHz)
	PECULIARITY	----	APPLICABLE CABLE ----

### SPECIFICATIONS

ITEM	TEST METHOD	REQUIREMENTS	QT	AT
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#### 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	-
INSERTION LOSS	FREQUENCY ---- TO ---- GHz	---- dB MAX.	-	-

#### MECHANICAL CHARACTERISTICS

CONTACT INSERTION AND EXTRACTION FORCES	BY STEEL GAUGE.	INSERTION FORCE ---- N MAX.	-	-
		EXTRACTION FARCE ---- N MIN	-	-
INSERTION AND WITHDRAWAL FORCES	MEASURED BY APPLICABLE CONNECTOR.	INSERTION FORCE ---- N MAX.	-	-
		EXTRACTION FARCE ---- 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 <sup>2</sup> 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 <sup>2</sup> 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 → +90 → 5-35°C TIME 30 → 3 → 30 → 3 min. UNDER 5 CYCLES.	NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	-
CORROSION SALT MIST	EXXPOSED IN 5% SALT WATER SPRAY FOR 48 h.	NO HEAVY CORROSION.	X	-

COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
1	DIS-D-001031	TS. SAWAI	NK. NINOMIYA	08.02.26

REMARK	△4000PCS / PLASTIC REEL	APPROVED	I.J. MITANI	06.11.17
		CHECKED	I.J. MITANI	06.11.17
		DESIGNED	NK. NINOMIYA	06.11.17
		DRAWN	NK. NINOMIYA	06.11.17

Unless otherwise specified, refer to JIS C 5402.

Note	QT:Qualification Test AT:Assurance Test X:Applicable Test	DRAWING NO.	ELC4-302540-40
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<b>HRS</b>	SPECIFICATION SHEET	PART NO.	U. FL-R-SMT-1 (40)		
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL331-0472-2-40	△	1/1