

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 2 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	250 V DC.	500 MΩ MIN.	X	-
VOLTAGE PROOF	300 V AC FOR 1 min.CURRENT LEAKAGE 2mA MAX.	NO FLASHOVER OR BREAKDOWN.	X	X
VOLTAGE STANDING WAVE RATIO	FREQUENCY 0.045 TO 2 GHz.	VSWR 1.3 MAX.	X	-

MECHANICAL CHARACTERISTICS

MECHANICAL OPERATION	50 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 6 TIMES FOR 3 DIRECTIONS.		X	-

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	EXPOSED IN 5% SALT WATER SPRAY FOR 48 h.	NO HEAVY CORROSION.	X	-

△	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
0					

REMARK 1. RoHS COMPLIANT. 2. The quantity of this product is 100 connectors per pack. 3. This is a non-magnetic connector.	APPROVED	MH. YAMANE	14.03.31
	CHECKED	NK. NINOMIYA	14.03.28
	DESIGNED	RO. YOKOYAMA	14.03.28
	DRAWN	RO. YOKOYAMA	14.03.28

Unless otherwise specified, refer to JIS C 5402.

Note QT:Qualification Test AT:Assurance Test X:Applicable Test	DRAWING NO.	ELC4-325188-01
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HRS	SPECIFICATION SHEET	PART NO.	H. FL/S-R-SMT (01)		
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL331-0805-3-01	△	1/1