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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 +90°C(90%RH MAX)	STORAGE TEMPERATURE RANGE	- 30°C TO + 70°C (90%RH MAX)		
			CHARACTERISTIC IMPEDANCE	① 75 Ω ( 0 ~ 3 GHz)		
<b>SPECIFICATIONS</b>						
ITEM	TEST METHOD		REQUIREMENTS		QT	AT
<b>CONSTRUCTION</b>						
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.		ACCORDING TO DRAWING.		X	X
MARKING	CONFIRMED VISUALLY.				-	-
<b>ELECTRIC CHARACTERISTICS</b>						
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	X
VOLTAGE PROOF	300 V AC FOR 1 min.CURRENT LEAKAGE 2mA MAX.		NO FLASHOVER OR BREAKDOWN.		X	X
VOLTAGE STANDING WAVE RATIO	② FREQUENCY 0.045 TO 1.5 GHz.		VSWR	1.3 MAX.	X	-
	② FREQUENCY 1.5 TO 3 GHz.		VSWR	1.5 MAX.		
<b>MECHANICAL CHARACTERISTICS</b>						
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 <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 6 ms AT 3 TIMES FOR 3 DIRECTIONS.				X	-
<b>ENVIRONMENTAL CHARACTERISTICS</b>						
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
1	2	DIS-D-003089		MA. SAEKI	TS. NOBE	13.11.28
REMARK For 75Ω application customers . RoHS COMPLICANT.				APPROVED	MH. YAMANE	12.01.12
① Value with H.FL75 series plug mated.				CHECKED	TS. NOBE	12.01.12
② Mesured value on DUT.				DESIGNED	MA. SAEKI	12.01.11
Unless otherwise specified, refer to JIS C 5402.				DRAWN	MA. SAEKI	12.01.11
Note QT:Qualification Test AT:Assurance Test X:Applicable Test				DRAWING NO.		ELC4-046538-82
<b>HRS</b>	SPECIFICATION SHEET			PART NO.	H. FL-R-SMT (10)	
	HIROSE ELECTRIC CO., LTD.			CODE NO.	CL331-0521-6-10	△