

COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
△					△				
△					△				

APPLICABLE STANDARD		OPERATING TEMPERATURE RANGE	STORAGE TEMPERATURE RANGE
RATING	POWER	-40°C TO +90°C(90%RH MAX)	-40°C TO +90°C(90%RH MAX)
	PECULIARITY	---	---
		---	---

SPECIFICATIONS


ITEM	TEST METHOD	REQUIREMENTS	QT	AT
------	-------------	--------------	----	----

CONSTRUCTION				
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	○	○
MARKING	CONFIRMED VISUALLY.		-	-

ELECTRIC CHARACTERISTICS				
CONTACT RESISTANCE	10 mA MAX (DC OR 1000 Hz).	CENTER CONTACT 20 mΩ MAX.	○	-
		OUTER CONTACT 10 mΩ MAX.	○	-
INSULATION RESISTANCE	100 V DC.	500 MΩ MIN.	○	-
VOLTAGE PROOF	200 V AC FOR 1 min. CURRENT LEAKAGE 2mA MAX	NO FLASHOVER OR BREAKDOWN.	○	○
VOLTAGE STANDING WAVE RATIO	FREQUENCY 0.045 TO 3 GHz.	VSWR 1.3 MAX.	○	-
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 MIN.	-	-
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	○	-
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 μs. ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	○	-
SHOCK	735 m/s ² DIRECTIONS OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.	① NO WITHDRAWAL AND BREAKAGE OF CABLE. ② NO BREAKAGE OF CLAMP.	○	-
CABLE CLAMP ROBUSTNESS (AGAINST CABLE PULL)	APPLYING A PULL FORCE THE CABLE AXIALLY AT --- N MAX.		-	-

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.	○	-
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -40 →5TO35→ +90 →5TO35 °C TIME 30 → 3 → 30 → 3 min. UNDER 5 CYCLES.	NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	○	-
CORROSION SALT MIST	EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.	NO HEAVY CORROSION.	○	-

REMARKS	DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
Unless otherwise specified, refer to JIS C 5402.	<i>m. Yamane</i>	<i>m. Yamane</i>	<i>J. Mitani</i>	<i>H. Kobayashi</i>	
	97.4.17	97.4.17	97.4.17	97.4.17	

Note QT:Qualification Test AT:Assurance Test O:Applicable Test		PART NO.	
HRS HIROSE ELECTRIC CO., LTD.	SPECIFICATION SHEET	U. FL-R-SMT (10)	
CODE NO.(OLD)	DRAWING NO.	PART NO.	
CL	ELC4-131821-10	CL331-0471-0-10	1 1

TO
RF



