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

APPLICABLE STANDARD				
RATING	OPERATING TEMPERATURE RANGE	-40 ℃ TO 90 ℃	STORAGE TEMPERATURE RANGE	-40 ℃ TO 90 ℃
	POWER	—— W	CHARACTERISTIC IMPEDANCE	50 Ω(0 ~2GHz)
	PECULIARITY	——	APPLICABLE CABLE	

SPECIFICATIONS

ITEM	TEST METHOD	REQUIREMENTS	QT	AT
CONSTRUCTION				
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCODING TO DRAWING.	○	○
MARKING	CONFIRMED VISUALLY.		—	—
ELECTRICAL CHARACTERISTICS				
CONTACT RESISTANCE	DC 10 mA(DC OR 1000 Hz).	CENTER CONTACT 20 mΩ MAX.	○	—
		OUTRE CONTACT 10 mΩ MAX.	○	—
INSULATION RESISTANCE	100 V DC	500 MΩ MIN.	○	—
VOLTAGE PROOF	200 V AC FOR 1 min	NO FLASHOVER OR BREAKDOWN.	○	○
VOLTAGE STANDING WEVE RATIO	FREQUENCY 10M TO 2000M Hz	VSWR 1.3 MAX.	○	—
INSERTION LOSS	FREQUENCY TO Hz	dB MAX.	—	—
MECHANICAL CHARACTERISTICS				
CONTACT INSERTION AND EXTRACTION FORCES	BY STEEL GAUGE.	INSERTION FORCE N MAX.	—	—
		EXTRACTION FORCE N MIN.	—	—
INSERTION AND WITHDRAWAL FORCES	MEASURED BY APPLICABLE CONNECTOR.	INSERTION FORCE N MAX.	—	—
		EXTRACTION FORCE N MIN.	—	—
MECHANICAL OPERATION	50 TIMES INSERTIONS AND EXTRACTIONS	① CONTACT RESISTANCE: CENTER CONTACT 25 mΩ MAX. OUTER CONTACT 15 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	○	—
VIBRATION	FREQUENCY 10 TO 100 Hz, SINGLE AMPLITUDE 3 mm, 59 m/s² AT 1 h FOR 3 DIRECTIONS.	① NO ELECTRICAL DISCONTINUITY OF 1 μs. ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	○	—
SHOCK	735 m/s² DURATION OF PULSE 11 ms AT 3 TIMES FOR 6 DIRECTIONS.		○	—
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, ~~CYCLIC~~	EXPOSED AT ~~40~~ 40 ℃, 95 %, TOTAL ~~CYCLES~~ (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 → 5 TO 35 → 90 → 5 TO 35 ℃ TIME 30 → — → 30 → — min UNDER 5 CYCLES.	① 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	T. Komatsu 94.11.30	H. Ikeda 94.12.8	K. Shimizu 94.12.8	T. Kobayashi 94.12.8	

Note QT: Qualification Test AT: Assurance Test ○: Applicable Test

HRS HIROSE ELECTRIC CO., LTD.	SPECIFICATION SHEET	PART NO. E.FL-R-SMT (10)
CODE NO. (OLD) CL	DRAWING NO. ELC4-130348-10	CODE NO. CL 331-0421-1-10 1/1

TO RF USA

FORM No. 231-1 (RF)