

COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
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APPLICABLE STANDARD				
RATING	OPERATING TEMPERATURE RANGE	-40 °C TO +90°C(90%RH MAX)	STORAGE TEMPERATURE RANGE	-40 °C TO +90°C(90%RH MAX)
	POWER	3 w (AT 2GHz)	CHARACTERISTIC IMPEDANCE	50 Ω (0 TO 2 GHz)
	PECULIARITY	_____	APPLICABLE CABLE	_____

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	10m A 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 10M TO 2000MHz.	VSWR 1.3 MAX.	○	—
INSERTION LOSS	FREQUENCY 0 TO 2 GHz	0.1 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 40 N MAX. EXTRACTION FORCE 3N MIN 20 N MAX.	○	—
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 1.5 mm, 59 m/s ² AT 1 h, FOR 3 DIRECTIONS.	① NO ELECTRICAL DISCONTINUITY OF 1 μ sec.	○	—
SHOCK	735 m/s ² DIRECTIONS OF PULSE 11ms AT 3 TIME FOR 6 DIRECTIONS.	② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	○	—
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 °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 →5 ~ 35→ +90 →5~35 °C TIME 30 → — → +30 → — 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				
Unless otherwise specified, refer to JIS C 5402.		DRAWN <i>J. Akawa</i> 97.2.10	DESIGNED <i>N. Ninemiga</i> 97.2.10	CHECKED <i>J. Mitani</i> 97.2.10
		APPROVED <i>Kobayashi</i> 97.2.10	RELEASED	
Note QT:Qualification Test AT:Assurance Test ○:Applicable Test				
HS HIROSE ELECTRIC CO., LTD.		SPECIFICATION SHEET		PART NO. E. FL-LR-SMT (10)
CODE NO.(OLD) CL	DRAWING NO. ELC4-131127-10	PART NO. CL331-0422-4-10		1/1