	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(— ~ —Hz)
	PECULIARITY	——	APPLICABLE CABLE	——
			OPERATING HUMIDITY RANGE	0 ~ 90%

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	10 mA(DC OR 1000 Hz).	CENTER CONTACT 10 mΩ MAX.	○	○
		OUTRE CONTACT 10 mΩ MAX.	○	○
INSULATION RESISTANCE	250 V DC	1000 MΩ MIN.	○	○
VOLTAGE PROOF	300 V AC FOR 1 min	NO FLASHOVER OR BREAKDOWN.	○	○
VOLTAGE STANDING WEVE RATIO	FREQUENCY TO Hz	VSWR 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	1000 TIMES INSERTIONS AND EXTRACTIONS	① CONTACT RESISTANCE: CENTER CONTACT 15 mΩ MAX. OUTER CONTACT 15 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	○	—
VIBRATION	FREQUENCY TO Hz, TOTAL AMPLITUDE mm, m/s² AT h FOR DIRECTIONS.	① NO ELECTRICAL DISCONTINUITY OF μs. ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	—	—
SHOCK	m/s² DURATION OF PULSE ms AT TIMES FOR 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 25 TO 65 ℃, 80 TO 96 %, CYCLES, TOTAL 240 h.	① INSULATION RESISTANCE: 10 MΩ MIN. (AT HIGH HUMIDITY) ② INSULATION RESISTANCE: 100 MΩ MIN. (AT DRY) ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	○	—
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -40 → — → 90 → — ℃ TIME 30 → 3 → 30 → 3 min UNDER 10 CYCLES.	① NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	○	—
CORROSION SALT MIST	EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.	① NO HEAVY CORROSION.	○	—

REMARKS	DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
Unless otherwise specified, refer to JIS C 5402	M.NAGASHIMA '94.5.19	M.NAGASHIMA '94.5.19	K. Shimizu 94.5.21	T. Kobayashi '94.5.23	

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

HIROSE ELECTRIC CO., LTD.	SPECIFICATION SHEET	PART NO. H.FL-R-1
CODE NO. (OLD) CL	DRAWING NO. ELC4-047432	CODE NO. CL331-0516-6

TO
RF