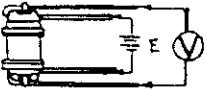
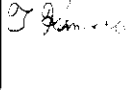
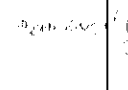
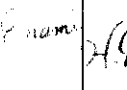



COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	
△					△					
△					△					
APPLICABLE STANDARD										
RATING	OPERATING TEMPERATURE RANGE	°C TO °C			OPERATING HUMIDITY RANGE	% TO %				
	VOLTAGE	200 V AC , 280 V DC			APPLICABLE CABLE	AWG No. 28 (7/0.127)				
	CURRENT	1 A				× 25 (PITCH 1.38)				
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		100 mA (DC OR 1000 Hz). ①			25 mΩ MAX.			○	○	
CONTACT RESISTANCE MILLIVOLT LEVEL METHOD.		20 mV MAX, 1 mA (DC OR 1000 Hz). ①						○	—	
INSULATION RESISTANCE		500 V DC.			1000 MΩ MIN.			○	○	
VOLTAGE PROOF		650 V AC FOR 1 min.			NO FLASHOVER OR BREAKDOWN.			○	○	
MECHANICAL CHARACTERISTICS										
INSERTION AND WITHDRAWAL FORCES		MEASURED BY APPLICABLE CONNECTOR.			INSERTION FORCE 117.6 N MAX. EXTRACTION FORCE 102.9 N MAX.			○	—	
MECHANICAL OPERATION		500 TIMES INSERTIONS AND EXTRACTIONS. ①			① CONTACT RESISTANCE: 25 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.			○	—	
VIBRATION		FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, — m/s ² AT 2 h, FOR 3 DIRECTIONS.			NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.			○	—	
SHOCK		490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.						○	—	
ENVIRONMENTAL CHARACTERISTICS										
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -55±2→-5~35→85±3→5~35 °C TIME 30 →5MAX→ 30 →5MAX min UNDER 5 CYCLES.			NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.			○	—	
DAMP HEAT (STEADY STATE)		EXPOSED AT 40 °C, 90~95 %, 96 h.			① INSULATION RESISTANCE: 10 MΩ MIN. (AT HIGH HUMIDITY.) 1000 MΩ MIN. (AT DRY.) ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.			○	—	
CORROSION SALT MIST		EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.			NO HEAVY CORROSION.			○	—	
HYDROGEN SULPHIDE		EXPOSED IN 3 ± 1 PPM HYDROGEN SULFIDE, 40 ± 2 °C , 80 % RH, 120 h. ①			① CONTACT RESISTANCE: 25 mΩ MAX. ② NO HEAVY CORROSION.			○	—	
DRY HEAT		EXPOSED AT 85 ± 5 °C , 1000 h. ①			① CONTACT RESISTANCE: 25 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.			○	—	
REMARKS NOTE. ① MEASUREMENT POINT OF CONTACT RESISTANCE					DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED	
										
Unless otherwise specified, refer to JIS C 5402.					03.09.23	03.09.23	03.09.23	03.09.23		
Note QT:Qualification Test AT:Assurance Test ○:Applicable Test										
 HIROSE ELECTRIC CO., LTD.					SPECIFICATION SHEET					PART NO
CODE NO.(OLD) CL					DRAWING NO. ELC4-022476-01					CODE NO. CL211-0606-4-55
										1/1