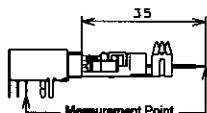


	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE		COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
△						△					
△						△					
APPLICABLE STANDARD											
RATING	OPERATING TEMPERATURE RANGE		- 25 °C TO 60 °C			STORAGE TEMPERATURE RANGE		°C TO °C			
	VOLTAGE		125 V AC , 175 V DC			OPERATING HUMIDITY RANGE		% TO %			
	CURRENT		0.5 A			APPLICABLE CABLE		STRANDED WIRE AWG 28 ~ 26 CONDUCTOR DIAMETER ϕ 0.88 ~ 0.98 JACKET DIAMETER ϕ 4 ~ 5.2			
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		1 mA (DC OR 1000 Hz). 1				35 m Ω MAX.				○	○
INSULATION RESISTANCE		100 V DC.				250 M Ω MIN.				○	○
VOLTAGE PROOF		300 V AC FOR 1 min.				NO FLASHOVER OR BREAKDOWN.				○	○
MECHANICAL CHARACTERISTICS											
INSERTION AND WITHDRAWAL FORCES		MEASURED BY APPLICABLE CONNECTOR.				1.8 N MIN. 9.6 N MAX.				○	—
MECHANICAL OPERATION		1000 TIMES INSERTIONS AND EXTRACTIONS. 1				① CONTACT RESISTANCE: 35 m Ω 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.				① NO ELECTRICAL DISCONTINUITY OF 10 μ s. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.				○	—
SHOCK		490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.				① REMAIN ENGAGED WHILE THE FORCE IS APPLIED. ② NO DEFECT AT MATING AREA AFTER THE TEST.				○	—
LOCK RETENTION FORCE		APPLY 68.8 N PULL FORCE TO THE MATING DIRECTION.								○	—
ENVIRONMENTAL CHARACTERISTICS											
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -55 → 5~35 → 85 → 5~35 °C TIME 30 → 2~3 → 30 → 2~3 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: 1 M Ω MIN. (AT HIGH HUMIDITY.) 100 M Ω 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.				○	—
RESISTANCE TO SOLDERING HEAT		SOLDER TEMPERATURE, 260 ± 5 °C FOR IMMERSION, DURATION 10 ± 1 S.				NO DEFORMATION OF CASE AND EXCESSIVE LOOSENESS OF THE TERMINALS.				○	—
SOLDERABILITY		SOLDERED AT SOLDER TEMPERATURE, 245 ± 2 °C FOR IMMERSION, DURATION 3 ± 1 S.				MIN. 95 % OF SOLDER IMMersed AREA SHALL BE COVERED NEW SOLDER COATING.				○	—
REMARKS						DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED	
NOTE. 1 MEASUREMENT POINT OF CONTACT RESISTANCE											
											
(WITHOUT BULK RESISTANCE)											
Unless otherwise specified, refer to JIS C 5402.						03.12.10	03.12.10	03.12.11	03.12.12		
Note QT:Qualification Test AT:Assurance Test O:Applicable Test											
HRS HIROSE ELECTRIC CO., LTD.						SPECIFICATION SHEET			PART NO.		
CODE NO.(OLD)						DRAWING NO.			CODE NO.		
CL						ELC4-045477-01			3130-6P-C(50) CL231-3014-6-50		
									1/1		