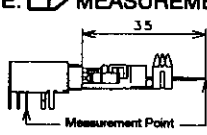


COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
△					△				
△					△				

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	

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 mΩ MAX.	○	○		
INSULATION RESISTANCE	100 V DC.	250 MΩ MIN.	○	○		
VOLTAGE PROOF	300 V AC FOR 1 min.	NO FLASHOVER OR BREAKDOWN.	○	○		
MECHANICAL CHARACTERISTICS						
INSERTION AND WITHDRAWAL FORCES	MEASURED BY APPLICABLE CONNECTOR.	4.1 N MIN. 15.9 N MAX.	○	—		
MECHANICAL OPERATION	1000 TIMES INSERTIONS AND EXTRACTIONS. 1	① CONTACT RESISTANCE: 35 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.	① NO ELECTRICAL DISCONTINUITY OF 10 μs. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	○	—		
SHOCK	490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.		○	—		
LOCK RETENTION FORCE	APPLY 68.6 N PULL FORCE TO THE MATING DIRECTION.	① REMAIN ENGAGED WHILE THE FORCE IS APPLIED. ② NO DEFECT AT MATING AREA AFTER THE TEST.	○	—		
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 MΩ MIN. (AT HIGH HUMIDITY.) 100 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.	○	—		
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						
 <p>(WITHOUT BULK RESISTANCE)</p>		<i>T. Kamaya</i>	<i>T. Kamaya</i>	<i>T. Watanabe</i>	<i>H. Miura</i>	
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 ○:Applicable Test						
HRS HIROSE ELECTRIC CO., LTD.		SPECIFICATION SHEET		PART NO. 3130-14P-C(50)		
CODE NO.(OLD) CL		DRAWING NO. ELC4-042469-01		CODE NO. CL231-0022-8-50		1/1