ELECTRIC CHARACTERISTICS  CONTACT RESISTANCE MILLIVOLT LEVEL METHOD  MECHANICAL CHARACTERISTICS  CONTACT INSERTION AND EXTRACTION FORCE  MECHANICAL OPERATION  FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 2 h, FOR 3 DIRECTIONS.  SHOCK  490 m/s² DURATION OF PULSE 11 ms AT 3 TIMES  ENVIRONMENTAL CHARACTERISTICS  RAPID CHANGE OF TEMPERATURE  ENVIRONMENTAL  TEMPERATURE  TEMPERATURE  DAMP HEAT (STEADY STATE)  100 ma (DC OR 1000Hz).  30 mΩ MAX.  INSERTION FORCE : 4.4 N MAX. EXTRACTION FORCE : 0.44 N MIN.  10 CONTACT RESISTANCE: 30 mΩ MAX. (2) NO DAMAGE, CRACK OR LOOSENESS OF PARTS.  11 NO ELECTRICAL DISCONTINUITY OF 1 μs. (2) NO DAMAGE, CRACK OR LOOSENESS OF PARTS.  11 CONTACT RESISTANCE: 30 mΩ MAX. (2) NO DAMAGE, CRACK OR LOOSENESS OF PARTS.  12 CONTACT RESISTANCE: 30 mΩ MAX. (3) NO DAMAGE, CRACK OR LOOSENESS OF PARTS.  13 CONTACT RESISTANCE: 30 mΩ MAX. (4) NO DAMAGE, CRACK OR LOOSENESS OF PARTS.  14 CONTACT RESISTANCE: 30 mΩ MAX. (5) NO DAMAGE, CRACK OR LOOSENESS OF PARTS.  15 CONTACT RESISTANCE: 30 mΩ MAX. (6) NO DAMAGE, CRACK OR LOOSENESS OF PARTS.  16 CONTACT RESISTANCE: 30 mΩ MAX. (7) NO DAMAGE, CRACK OR LOOSENESS OF PARTS.		
TEMPERATURE RANGE   -35 °C TO +85 °C)(NOTES 1)   TEMPERATURE RANGE   -10 °C TO 46 °C)(NOTE 2)   TEMPERATURE RANGE BY AUBILITY.   TEMPERATURE RANGE BY AUBILITY.   TEMPERATURE RANGE BY CHARLES BY AUBILITY.   TEMPERATURE REAGH BY AUBILITY.   TEMPERATURE RANGE BY CORRESS OF PARTS.   TEMPERATURE REAGH BY AUBILITY.   TEMPERATURE RANGE BY AUBILITY.   TEMPERATURE RANGE BY AUBILITY		
OPERATING	TF 3)	
APPLICABLE CABLE  UL 1007, 1061 : 20-22 AWG  POPTIB-*05-25 RC  POPTIB-*05-25 RC  POPTIB-*06-25 RC  POP	<u>  L 3)</u>	
SPECIFICATIONS    ITEM	E 3)	
SPECIFICATIONS  ITEM TEST METHOD REQUIREMENTS  CONSTRUCTION  GENERAL EXAMINATION (VISUALLY AND BY MEASURING INSTRUMENT. MARKING CONFIRMED VISUALLY.  BLECTRIC CHARACTERISTICS  CONTACT RESISTANCE MILLIVOLT LEVEL METHOD 100 ma (DC OR 1000Hz).  MECHANICAL CHARACTERISTICS  CONTACT RESISTANCE MILLIVOLT LEVEL METHOD 100 ma (DC OR 1000Hz).  MECHANICAL CHARACTERISTICS  CONTACT INSTRITON 100 635±0.002mm BY STEEL GAUGE. EXTRACTION FORCE: 0.44 N MAX. EXTRACTION FORCE: 0.44 N MIN. FORCE MECHANICAL OPERATION  FORCE  MECHANICAL OF THE STRUCT		
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CONTACT INSERTION AND EXTRACTION FORCE : 4.4 N MAX. EXTRACTION FORCE FORCE  MECHANICAL OPERATION  DESCRIPTION  FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 2 h, FOR 3 DIRECTIONS.  THE METHANICAL OPERATION  FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 2 h, FOR 3 DIRECTIONS.  TO MAKE, CRACK OR LOOSENESS OF PARTS.  TO DAMAGE, CRACK OR LOOSENESS OF PARTS.  NO DAMAGE, CRACK OR LOOSENESS OF PARTS.  TO DAMAGE, CRACK OR LOOSENESS OF PARTS.  TO DAMAGE, CRACK OR LOOSENESS OF PARTS.  TEMPERATURE  TIME 30 → 5 → 30 → 5 min UNDER 5 CYCLES.  DAMP HEAT (STEADY STATE)  EXPOSED AT 40 ± 2 °C, 90 TO 95 %, 96 h.  TO CONTACT RESISTANCE: 30 mΩ MAX.  TO DAMAGE, CRACK OR LOOSENESS OF PARTS.  TO CONTACT RESISTANCE: 30 mΩ MAX.  TO DAMAGE, CRACK OR LOOSENESS OF PARTS.  TO CONTACT RESISTANCE: 30 mΩ MAX.  TO DAMAGE, CRACK OR LOOSENESS OF PARTS.  TO CONTACT RESISTANCE: 30 mΩ MAX.  TO DAMAGE, CRACK OR LOOSENESS OF PARTS.  TO CONTACT RESISTANCE: 30 mΩ MAX.  TO DAMAGE, CRACK OR LOOSENESS OF PARTS.  TO CONTACT RESISTANCE: 30 mΩ MAX.  TO DAMAGE, CRACK OR LOOSENESS OF PARTS.  TO CONTACT RESISTANCE: 30 mΩ MAX.  TO DAMAGE, CRACK OR LOOSENESS OF PARTS.  TO CONTACT RESISTANCE: 30 mΩ MAX.  TO DAMAGE, CRACK OR LOOSENESS OF PARTS.  TO CONTACT RESISTANCE: 30 mΩ MAX.  TO DAMAGE, CRACK OR LOOSENESS OF PARTS.  TO CONTACT RESISTANCE: 30 mΩ MAX.  TO DAMAGE, CRACK OR LOOSENESS OF PARTS.  TO CONTACT RESISTANCE: 30 mΩ MAX.  TO DAMAGE, CRACK OR LOOSENESS OF PARTS.  TO CONTACT RESISTANCE: 30 mΩ MAX.  TO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	-
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FORCE  MECHANICAL  OPERATION  OPERATION  OPERATION  FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE  0.75 mm, AT 2 h, FOR 3 DIRECTIONS.  SHOCK  490 m/s² DURATION OF PULSE 11 ms AT 3 TIMES  FOR 3 DIRECTIONS.  ENVIRONMENTAL CHARACTERISTICS  RAPID CHANGE OF  TEMPERATURE  TIME  30 →5 →30 →5 min  UNDER 5 CYCLES.  DAMP HEAT  (STEADY STATE)  EXPOSED AT 40 ± 2 °C, 90 TO 95 %, 96 h.  COUNT  TEMPERATURE RISE BY CURRENT  NOTE 3: APPLY TO THE CONDITION OF LONG TERM STORAGE FOR UNUSED PRODUCTS BEFORE PCB  ON BOARD, AFTER PCB BOARD, OPERATINGTEMPERATURE AND HUMIDITY RANGE IS APPLIED  FOR INTERIM STORAGE DURING TRANSPORTATION.  10 CONTACT RESISTANCE: 30 mΩ MAX. 20 NO DAMAGE, CRACK OR LOOSENESS OF PARTS.  11 CONTACT RESISTANCE: 30 mΩ MAX. 21 NO DAMAGE, CRACK OR LOOSENESS OF PARTS.  OF PARTS.  OF PARTS.  CONTACT RESISTANCE: 30 mΩ MAX. 22 NO DAMAGE, CRACK OR LOOSENESS OF PARTS.  OF PARTS.  OF PARTS.  CONTACT RESISTANCE: 30 mΩ MAX. 23 NO DAMAGE, CRACK OR LOOSENESS OF PARTS.  OF PARTS.  CONTACT RESISTANCE: 30 mΩ MAX. 25 NO DAMAGE, CRACK OR LOOSENESS OF PARTS.  OF PARTS.  CONTACT RESISTANCE: 30 mΩ MAX. 26 NO DAMAGE, CRACK OR LOOSENESS OF PARTS.  CONTACT RESISTANCE: 30 mΩ MAX. 27 NO DAMAGE, CRACK OR LOOSENESS OF PARTS.  CONTACT RESISTANCE: 30 mΩ MAX. 28 NO DAMAGE, CRACK OR LOOSENESS OF PARTS.  CONTACT RESISTANCE: 30 mΩ MAX. 29 NO DAMAGE, CRACK OR LOOSENESS OF PARTS.  CONTACT RESISTANCE: 30 mΩ MAX. 29 NO DAMAGE, CRACK OR LOOSENESS OF PARTS.  CONTACT RESISTANCE: 30 mΩ MAX. 20 NO DAMAGE, CRACK OR LOOSENESS OF PARTS.  CONTACT RESISTANCE: 30 mΩ MAX. 29 NO DAMAGE, CRACK OR LOOSENESS OF PARTS.  CONTACT RESISTANCE: 30 mΩ MAX. 20 NO DAMAGE, CRACK OR LOOSENESS OF PARTS.  CONTACT RESISTANCE: 30 mΩ MAX. 20 NO DAMAGE, CRACK OR LOOSENESS OF PARTS.  CONTACT RESISTANCE: 30 mΩ MAX. 20 NO DAMAGE, CRACK OR LOOSENESS OF PARTS.  CONTACT RESISTANCE: 30 mΩ MAX. 20 NO DAMAGE, CRACK OR LOOSENESS OF PARTS.  CONTACT RESISTANCE: 30 mΩ MAX. 20 NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	×	Τ-
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DF1B-2022SCFA

CL541-0662-1-00

DRAWING NO.

PART NO.

CODE NO.

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

SPECIFICATION SHEET

HIROSE ELECTRIC CO., LTD.