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 In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

| APPLICABLE STANDARD | | | | | |
|---|--|--|---------------------------|---------------------------------|----------------|
| RATING | OPERATING TEMPERATURE RANGE | -55 °C TO 85 °C ⁽¹⁾ | STORAGE TEMPERATURE RANGE | -10 °C TO +60 °C ⁽²⁾ | |
| | VOLTAGE | 200 V AC | OPERATING HUMIDITY RANGE | 40 % TO 80 %. | |
| | CURRENT | 2 A | APPLICABLE CABLE | AWG #26~36 | |
| SPECIFICATIONS | | | | | |
| ITEM | TEST METHOD | REQUIREMENTS | QT | AT | |
| CONSTRUCTION | | | | | |
| GENERAL EXAMINATION | VISUALLY AND BY MEASURING INSTRUMENT. | ACCORDING TO DRAWING. | x | x | |
| MARKING | CONFIRMED VISUALLY. | | x | x | |
| ELECTRIC CHARACTERISTICS | | | | | |
| INSULATION RESISTANCE | 500 V DC | 1000 MΩ MIN. | x | - | |
| VOLTAGE PROOF | 650 V AC FOR 1 min. | NO FLASHOVER OR BREAKDOWN. | x | - | |
| ENVIRONMENTAL CHARACTERISTICS | | | | | |
| DAMP HEAT (STEADY STATE) | EXPOSED AT 40±2 °C, 90 ~ 95 %, 96 h. | ①INSULATION RESISTANCE:1000 MΩ MIN. ③NO DAMAGE, CRACK AND LOOSENESS OF PARTS. | x | - | |
| RAPID CHANGE OF TEMPERATURE | TEMPERATURE-55→+5~+35→+85→+5~+35°C TIME 30 → 10~15 → 30 → 10~15 min. UNDER 5 CYCLES. | NO DAMAGE, CRACK AND LOOSENESS OF PARTS. | x | - | |
| | | | | | |
| | COUNT | DESCRIPTION OF REVISIONS | DESIGNED | CHECKED | DATE |
| | | | | | |
| REMARK ⁽¹⁾ TEMPERATURE RISE INCLUDED WHEN ENERGIZED. ⁽²⁾ THIS STORAGE INDICATES A LONG-TERM STORAGE STATE FOR THE UNUSED PRODUCT BEFORE THE BOARD MOUNTED. | | | APPROVED | HS. OKAWA | 10.06.04 |
| | | | CHECKED | HT. YAMAGUCHI | 10.06.04 |
| | | | DESIGNED | KN. SHIBUYA | 10.06.04 |
| Unless otherwise specified, refer to MIL-STD-1344. | | | DRAWN | KY. SUGIBUCHI | 10.06.04 |
| Note QT:Qualification Test AT:Assurance Test X:Applicable Test | | | DRAWING NO. | | ELC4-021396-00 |
| | SPECIFICATION SHEET | | PART NO. | A3B-12D-2C | |
| | HIROSE ELECTRIC CO., LTD. | | CODE NO. | CL621-0309-9-00 | 1/1 |