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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) |
| | OPERATING HUMIDITY RANGE | 40 % TO 80 % | STORAGE HUMIDITY RANGE | 40 % TO 70 %(2) |
| | VOLTAGE | 200 V AC | APPLICABLE CABLE | AWG #26 TO #36 |
| | CURRENT | 2 A | INSULATION | — |

## SPECIFICATIONS

| ITEM | TEST METHOD | REQUIREMENTS | QT | AT |
|---|---|---|---|---|
| CONSTRUCTION | | | | |
| GENERAL EXAMINATION | VISUALLY AND BY MEASURING INSTRUMENT. | ACCORDING TO DRAWING. | × | × |
| MARKING | CONFIRMED VISUALLY. | | × | × |
| ELECTRIC CHARACTERISTICS | | | | |
| INSULATION RESISTANCE | 500 V DC | 1000 MΩ MIN. | × | — |
| VOLTAGE PROOF | 650 V AC FOR 1 min. | NO FLASHOVER OR BREAKDOWN. | × | — |
| ENVIRONMENTAL CHARACTERISTICS | | | | |
| DAMP HEAT (STEADY STATE) | EXPOSED AT 40±2 °C, 90 TO 95 %, 96 h. | 1) INSULATION RESISTANCE: 1000 MΩ MIN.<br>2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS. | × | — |
| RAPID CHANGE OF TEMPERATURE | TEMPERATURE<br>−55 → +15 TO +35 → +85 → +15 TO +35 °C<br>TIME<br>30 → 10 TO 15 → 30 → 10 TO 15 min.<br>UNDER<br>5 CYCLES. | NO DAMAGE, CRACK AND LOOSENESS OF PARTS. | × | — |

| | COUNT | DESCRIPTION OF REVISIONS | DESIGNED | CHECKED | DATE |
|---|---|---|---|---|---|
| △0 | | | | | |

REMARK
(1) TEMPERATURE RISE INCLUDED WHEN ENERGIZED.
(2) THIS STORAGE INDICATES A LONG-TERM STORAGE STATE FOR THE UNUSED PRODUCT BEFORE THE BOARD MOUNTED.
Unless otherwise specified, refer to MIL-STD-1344.

| | | |
|---|---|---|
| APPROVED | HS. OKAWA | 15.06.08 |
| CHECKED | HT. YAMAGUCHI | 15.06.08 |
| DESIGNED | MT. ITANO | 15.06.08 |
| DRAWN | MT. ITANO | 15.06.08 |

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

DRAWING NO. ELC-021407-00-00

| | | | | |
|---|---|---|---|---|
| HRS | SPECIFICATION SHEET | PART NO. | A4B-8S-2C | |
| | HIROSE ELECTRIC CO., LTD. | CODE NO. | CL622-0306-7-00 | △0 1/1 |

FORM HD0011-2-1