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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 <sup>(1)</sup>  | STORAGE TEMPERATURE RANGE | -10 °C TO +60 °C <sup>(2)</sup> |                  |
|   | OPERATING HUMIDITY RANGE  | 40 % TO 80 %  | STORAGE HUMIDITY RANGE    | 40 % TO 70 % <sup>(2)</sup>     |                  |
|   | VOLTAGE   | 200 V AC  | APPLICABLE CABLE          | AWG #26 TO #36                  |                  |
|   | CURRENT   | 2 A   | INSULATION                | —                               |                  |
| SPECIFICATIONS  |   |   |                           |                                 |                  |
| ITEM  | TEST METHOD   | REQUIREMENTS  | QT                        | AT                              |                  |
| <b>CONSTRUCTION</b>   |   |   |                           |                                 |                  |
| GENERAL EXAMINATION   | VISUALLY AND BY MEASURING INSTRUMENT.   | ACCORDING TO DRAWING.   | ×                         | ×                               |                  |
| MARKING   | CONFIRMED VISUALLY.   |   | ×                         | ×                               |                  |
| <b>ELECTRIC CHARACTERISTICS</b>   |   |   |                           |                                 |                  |
| INSULATION RESISTANCE   | 500 V DC  | 1000 MΩ MIN.  | ×                         | —                               |                  |
| VOLTAGE PROOF   | 650 V AC FOR 1 min.   | NO FLASHOVER OR BREAKDOWN.  | ×                         | —                               |                  |
| <b>ENVIRONMENTAL CHARACTERISTICS</b>  |   |   |                           |                                 |                  |
| 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             |
|   |   |   |                           |                                 |                  |
| REMARK  |   |   | APPROVED                  | HS. OKAWA                       | 15. 06. 08       |
| (1) TEMPERATURE RISE INCLUDED WHEN ENERGIZED.   |   |   | CHECKED                   | HT. YAMAGUCHI                   | 15. 06. 08       |
| (2) THIS STORAGE INDICATES A LONG-TERM STORAGE STATE FOR THE UNUSED PRODUCT BEFORE THE BOARD MOUNTED. |   |   | DESIGNED                  | MT. ITANO                       | 15. 06. 08       |
| Unless otherwise specified, refer to MIL-STD-1344.  |   |   | DRAWN                     | MT. ITANO                       | 15. 06. 08       |
| Note QT:Qualification Test AT:Assurance Test X:Applicable Test  |   |   | DRAWING NO.               |                                 | ELC-021405-00-00 |
|   | SPECIFICATION SHEET   |   | PART NO.                  | A4B-5S-2C                       |                  |
|   | HIROSE ELECTRIC CO., LTD.   |   | CODE NO.                  | CL622-0304-1-00                 | 1/1              |