| APPLICA                             | BLE STANI         | DARD  |                          |                  |          |                                 |               |                      |                            |                  |                  |
|-------------------------------------|-------------------|---|--------------------------|------------------|----------|---------------------------------|---------------|----------------------|----------------------------|------------------|------------------|
| OPERATING<br>TEMPERATURE            |                   | F RANGE   | -55 °C TO 85 °C          | C <sup>(1)</sup> |          | RAGE<br>PERATU                  | RE RAN        | GF                   | -10 °C TO 60 °             | C <sup>(2)</sup> |                  |
| DATING                              |                   | 2101102   |                          |                  | OPE      | RATING                          | ATING HUMIDIT |                      |                            |                  |                  |
| RATING                              | VOLTAGE           |   | 250 V AC                 |                  | RAN      |                                 | JMIDITY       | +                    | 40 % TO 80 %               |                  |                  |
|                                     | CURRENT           |   | 3 A                      |                  |          | RANGE                           |               | _                    | 40 % TO 70 % <sup>(2</sup> |                  |                  |
|                                     |                   |   | A                        |                  |          | PPLICABLE CABLE<br>(AWG SIZE)   |               |                      | AWG22 TO 36                |                  |                  |
|                                     |                   |   | SPEC                     | IFICA            | TION     | S                               |               |                      |                            |                  |                  |
| ITEM                                |                   | TEST METHOD   |                          |                  |          | REQUIREMENTS                    |               |                      |                            | QT               | АТ               |
|                                     | CONSTRUCTION      |   |                          |                  |          |                                 |               |                      |                            |                  | _                |
| MARKING                             |                   | VISUALLY AND BY MEASURING INSTRUMENT.  CONFIRMED VISUALLY.  |                          |                  |          | ACCORDING TO DRAWING.           |               |                      |                            | ×                | ×                |
| ELECTRIC CHARACT                    |                   |   |                          |                  |          |                                 |               |                      |                            |                  | _ ^              |
| INSULATION                          |                   | 500 V DC.   |                          |                  |          | 1000 MΩ MIN.                    |               |                      |                            | ×                | Τ-               |
| RESISTANCE                          |                   |   |                          |                  |          |                                 |               |                      |                            | ×                |                  |
| VOLTAGE PROOF                       |                   | 650 V AC FOR 1 min.   |                          |                  |          | NO FLASHOVER OR BREAKDOWN.      |               |                      |                            |                  | _                |
| DAMP HEAT                           |                   | HARACTERISTICS<br>EXPOSED AT 40±2 °C, 90 ∼ 95 %, 96 h. ①INSULATION RESISTANCE:1000                    |                          |                  |          |                                 |               |                      | ISTANCE:1000 MO MIN        | Τ×               | Т_               |
| (STEADY STATE)                      |                   | 12.7. OSED AT 40±2.70, 90 ~ 90 %, 90 H.   |                          |                  |          | ②NO DAMAGE, CRACK AND LOOSENESS |               |                      |                            |                  |                  |
| RAPID CHANGE OF                     |                   | TEMPERATURE-65→+15~+35→+125→+15~+35°C   |                          |                  |          | OF PARTS.                       |               |                      | ×                          | -                |                  |
| TEMPERATURE                         |                   | TIME $30 \rightarrow 10 \sim 15 \rightarrow 30 \rightarrow 10 \sim 15 \text{ min}$<br>UNDER 5 CYCLES. |                          |                  |          |                                 |               |                      |                            |                  |                  |
|                                     |                   |   |                          |                  |          |                                 |               |                      |                            |                  |                  |
| COUN                                | II DI             | -SCRIPTI  | ON OF REVISIONS          |                  | DESIG    | INED                            |               |                      | CHECKED                    | DA               | TE               |
|                                     | TEMPERATUR        | RE RISE IN  |                          |                  |          |                                 | APPRO         | VED                  | HS. OKAWA                  | 12 0             | 9. 28            |
| <sup>(2)</sup> THIS STORAGE INDICAT |                   |   | ES A LONG-TERM STORAGE S |                  |          |                                 | CHEC          |                      | HT. YAMAGUCHI              | +                | 19. 26<br>19. 27 |
| FOR THE UNUSED PRO                  |                   |   | DUCT BEFORE THE BOARD M  | OUNTED.          |          |                                 | DESIG         |                      | TH. SANO                   | +                | 9. 27            |
| Unless of                           | herwise spe       | ecified, r  | efer to MIL-STD-202.     | TD-202.          |          |                                 | DRAWN         |                      | TH. SANO                   | +                | 9. 27            |
| Note QT:Qu                          | ualification Test | urance Test X:Applicable Tes  |                          |                  |          | IG NO.                          |               | ELC4-018779-01       |                            |                  |                  |
| ЖS                                  | SI                | PECIFI  | CATION SHEET             |                  | PART NO. |                                 |               | A2-5S-2. 54C         |                            |                  |                  |
| 11/2                                | HIR               | OSE ELECTRIC CO., LTD.  |                          |                  | CODE     | NO.                             | CI            | CL620-0101-1-00 🖒 1/ |                            |                  |                  |