| <u> </u> |  |  | CODE NO.                         | E ELECTRIC CO., LTD.  | HIROSE  |
|----------|--|--|----------------------------------|---|---|
| >        | X6A-*S-0. 8SV (93)   | FX   | PART NO.                         | IFICATION SHE   | SPE   |
| -23      | ELC4-152949-   | IG NO.   | DRAWING NO                       | AT:Assurance Test X:Applicable Test   | Note QT:Qualification Test AT                                       |
| 05.07.19 | TK.YANAGISAWA  | DRAWN  |                                  | Unless otherwise specified, refer to MIL-STD-1344.  | nless otherwise specified   |
| 05.07.19 | TH.NODA  | DESIGNED   |                                  | ** INDICATES THE NUMBER OF CONTACTS.  | 3 * *INDICATES THE  |
| 05.08.05 | HS.OKAWA<br>HS.OZAWA   | APPROVED CHECKED   |                                  | KEMAKK <sup>(1)</sup> TEMPERATURE RISE INCLUDED WHEN ENERGIZED.  © THIS STORAGE INDICATES A LONG-TERM STORAGE STATE  FOR THE INVESTIGATION OF DECORETHE BOARD MOUNTED | EMAKK ® TEMPERATURE RIS<br>THIS STORAGE INDIC<br>FOR THE INLINE RES |
|          |  |  |                                  |   |   |
| DATE     | CHECKED  |  | DESIGNED                         | DESCRIPTION OF REVISIONS  | COUNT   |
|          |  |  |                                  |   |   |
| ×        | ING OF SOLDER SHALL 5 % OF THE SURFACE   | A NEW UNIFORM COATING OF OVER A MINIMUM OF 95 % OF BEING IMMERSED. | A NEW U<br>OVER A I<br>BEING IN  | SOLDERED AT SOLDER TEMPERATURE 240±5°C FOR IMMERSION DURATION, 3s.  | SOLDRABILITY SOLDE 240±5°   |
| ×        |  |  |                                  | SOLDERING IRON 360 °C,<br>FOR 5 s   | 2)  |
| ×        | ESS OF THE   | NO DEFORMATION OF CASE EXCESSIVE LOOSENESS OF TERMINAL.            | NO DEFOR<br>EXCESSIV<br>TERMINAL | REFLOW SOLDERING :250 °C MAX,<br>220 °C MIN,<br>FOR 60 s  | RESISTANCE TO (1) SOLDERING HEAT                                    |
| ×        |  |  |                                  | 6 5   | HIDE  |
| ×        | ANCE: 50 mΩ MAX.<br>DSION.   | CONTACT RESISTANCE NO HEAVY CORROSION.                             | FOR ① CON                        | SED IN 5 % SALT WATER SPRAY   | CORROSION SALT MIST   EXPOS   |
| ×        | ID LOOSE   | NO DAMAGE, CRA<br>OF PARTS.  | <b>⊚</b>                         | *ERATURE-55→+15~+35→+85→+15~+<br>30 → 5 MAX → 30 →5 MAXmin<br>:R 5 CYCLES.  |   |
| ×        | CONTACT RESISTANCE: 50 mΩ MAX. INSULATION RESISTANCE: 100MΩ MIN.   | CONTACT RESISTANCE: INSULATION RESISTANC                           | h. ① CON'                        | EXPOSED AT 40±2°C, 90 ~ 95 %, 96  | DAMP HEAT EXPO  |
|          |  |  |                                  | 0)  | ENVIRONMENTAL CHAR  |
| ×        |  | OF PARTS.  | OF P,                            | 490 m/s², DURATION OF PULSE 11 ms<br>AT 3 TIMES FOR 3 DIRECTIONS.   | SHOCK 490<br>AT   |
| ×        | <ul> <li>○ NO ELECTRICAL DISCONTINUITY OF</li> <li>1 µs.</li> <li>○ NO DAMAGE, CRACK AND LOOSENESS</li> </ul>  | LECTRICAL D<br>AMAGE, CRA  | © 0 NO E                         | FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE : 0.76 mm, AT 2 h FOR 3 DIRECTION.  | VIBRATION FREG<br>SING<br>AT  |
| ×        |  | CONTACT RESISTANCE: NO DAMAGE, CRACK AN                            | © ⊖                              | NSERTIO   | _   |
| ×        | (0.88×**) N MAX.<br>(0.1×**) N MIN.  | INSERTION FORCE: EXTRACTION FORCE:                                 |                                  | MEASURED BY APPLICABLE CONNECTOR  | AND<br>FORCES   |
|          |  |  |                                  |   | CHARAC  |
| ×        | REAKDOWN.  | NO FLASHOVER OR BREAKDOWN.   | NO FLAS                          | 300 V AC FOR 1 min.   | /OLTAGE PROOF   |
| ×        |  | 100 MΩ MIN.  | 1                                | 250 V DC.   | INSULATION<br>RESISTANCE  |
|          |  |  |                                  | ·   |   |
| ××       |  | 40 mΩ MAX.   | (T) 4                            | 100 mA (DC OR 1000 Hz). 20 mV MAX. 1 mA(DC OR 1000Hz)   | CONTACT RESISTANCE 20 r   |
|          |  |  | -                                | RISTICS   | ACT   |
| × × ×    | WING.  | DING TO DRAWING  | T. ACCORDING                     | GENERAL EXAMINATION VISUALLY AND BY MEASURING INSTRUMENT.  MARKING CONFIRMED VISUALLY.  | GENERAL EXAMINATION VISU  |
| <u>2</u> | מת עם את שות או מישור או מישו<br>מוד מוד או מישור או מי | ZIT QOIZ   |                                  | IEST METHOD   | CONSTRUCTION  |
| -        |  | )  | SNOI                             | SPECIFICATIONS  | 1   |
|          | 40 % TO 70 % <sup>(2)</sup>  |  | RANGE                            | 0.5 A   | CURRENT   |
|          | 40 % TO 80 %   | UMIDITY  | RANGE                            | 100 V AC  | RATING VOLTAGE  |
| (2)      | -10 °C TO 60 °C <sup>(2)</sup>   | E RANGE  | STORAGE<br>TEMPERATURE RANGE     | 3E -55 °C TO 85 °C <sup>(1)</sup>   | OPERATING TEMPERATURE RANGE   |
|          |  |  |                                  |   | APPLICABLE STANDARD   |