| METHOD   INSULATION   250 V DC   100 M Ω MIN.   × -   | APPLICAE                       | BLE STAND   | DARD   |                              |         |  |                                  |            |                            |                             |                                       |      |  |
|---|--------------------------------|-------------|--|------------------------------|---------|--|----------------------------------|------------|----------------------------|-----------------------------|---------------------------------------|------|--|
| RATING  |                                |             |  |                              | - 1     | EMPERATURE RANGE -1 PERATING HUMIDITY ANGE TORAGE HUMIDITY |                                  |            |                            |                             |                                       |      |  |
| SPECIFICATIONS  | RATING                         | VOLTAGE     |  | 100 V AC RAN                 |         |  |                                  |            |                            |                             |                                       |      |  |
| TEM   |                                |             |  |                              |         |  |                                  |            | 40 % TO 70 % <sup>(2</sup> | 40 % TO 70 % <sup>(2)</sup> |                                       |      |  |
| TITEM TEST METHOD REQUIREMENTS QT AT CONSTRUCTION  GENERAL EXAMINATION VISUALLY AND BY MEASURING INSTRUMENT CONFIRMED VISUALLY.  ELECTRIC CHARACTERISTICS  CONTACT RESISTANCE 100 mA/DC OR 1000 Hz) 40 m° MAX.  |                                | 100         |  | 10.002                       |         |  |                                  |            |                            |                             |                                       |      |  |
| CONSTRUCTION         CONTRUCTION         ACCORDING TO DRAWING.         X         X           GENERAL EXMINATION         VISUALLY AND BY MEASURING INSTRUMENT.         ACCORDING TO DRAWING.         X         X           ELECTRIC CHARACTERISTICS         X         X         X           CONTACT RESISTANCE         20 mV MAX.         1         A0 m □ MAX.         X         X           CONTACT RESISTANCE         20 mV MAX.         1         MAD (CORT 1000 Hz)         100 M □ MIN.         X         X         X           METHOD         100 M M MIN.         X         -         X         X         MAD (MAX.         X         -           MECHANICAL CHARACTERISTICS         100 TIMES INSERTIONS AND EXTRACTIONS.         NO FLASHOVER OR BREAKDOWN.         X         -         NO DAMAGE, CRACK AND LOOSENESS OF PARTS.         -         PO PARTS.         -         NO DAMAGE, CRACK AND LOOSENESS OF PARTS.         -         -         -   | IT                             | =M          |  |                              |         |  |                                  |            |                            |                             | ОТ                                    | ТАТ  |  |
| GENERAL EXAMINATION   VISIDALLY AND BY MEASURING INSTRUMENT.   ACCORDING TO DRAWING.   X   X   X   X   X   X   X   X   X  |                                |             |  | 1231 11211132                |         |  |                                  | - ' -      |                            |                             |                                       | 1,,, |  |
| ELECTRIC CHARACTERISTICS  |                                |             | VISUAL   | LY AND BY MEASURING IN       | NSTRUMI | ENT.   | ACCO                             | RDING TO   | O DR.                      | AWING.                      | ×                                     | ×    |  |
| CONTACT RESISTANCE  OCNTACT RESISTANCE  MILLIVOLT LEVEL  MECHANICAL  20 mV MAX. 1 mA(DC OR 1000 Hz) 50 m 2 MAX.   | MARKING                        |             | CONFIR   |                              |         |  |                                  |            |                            |                             | ×                                     | ×    |  |
| CONTACT RESISTANCE   20 mV MAX. 1 mA(DC OR 1000Hz)   50 m Ω MAX.   x   − MINILIVOT LEVEL   METHOD   100 M Ω MIN.   x   − MINILIVOT LEVEL   METHOD   100 M Ω MIN.   x   − MINILIVOT LEVEL   x   − M                | ELECTRIC                       | CHARACT     | ERISTI   | ERISTICS                     |         |  |                                  |            |                            |                             |                                       |      |  |
| MILLYOLT LEVEL METHOD INSULATION RESISTANCE VOLTAGE PROOF  300 V AC FOR 1 min. NO FLASHOVER OR BREAKDOWN.  X — RECHANICAL OPERATION  OPERATION  FREQUENCY 10 TO 55 Hz, AMPLITUDE: 15 mm. 2 hrs 13 DIRECTIONS.  SHOCK  490 m/s², DURATION OF PULSE 11 ms. FOR 3 TIMES IN 3 DIRECTIONS.  SHOCK  AS TIMES IN 3 DIRECTIONS.  SO DAMASE, CRACK AND LOOSENESS OF PARTS.  O CONTACT RESISTANCE: 50 mG MAX.  NO DAMAGE, CRACK AND LOOSENESS OF PARTS.  O CONTACT RESISTANCE: 50 mG MAX.  NO DAMAGE, CRACK AND LOOSENESS OF PARTS.  O CONTACT RESISTANCE: 50 mG MAX.  NO DAMAGE, CRACK AND LOOSENESS OF PARTS.  O CONTACT RESISTANCE: 50 mG MAX.  NO DAMAGE, CRACK AND LOOSENESS OF PARTS.  O CONTACT RESISTANCE: 50 mG MAX.  NO DAMAGE, CRACK AND LOOSENESS OF PARTS.  O CONTACT RESISTANCE: 50 mG MAX.  NO DAMAGE, CRACK AND LOOSENESS OF PARTS.  O CONTACT RESISTANCE: 50 mG MAX.  NO DAMAGE, CRACK AND LOOSENESS OF PARTS.  O CONTACT RESISTANCE: 50 mG MAX.  NO DAMAGE, CRACK AND LOOSENESS OF PARTS.  O CONTACT RESISTANCE: 50 mG MAX.  NO DAMAGE, CRACK AND LOOSENESS OF PARTS.  O CONTACT RESISTANCE: 50 mG MAX.  NO DAMAGE, CRACK AND LOOSENESS OF PARTS.  O CONTACT RESISTANCE: 50 mG MAX.  NO DAMAGE, CRACK AND LOOSENESS OF PARTS.  O CONTACT RESISTANCE: 50 mG MAX.  NO DAMAGE, CRACK AND LOOSENESS OF PARTS.  O CONTACT RESISTANCE: 50 mG MAX.  NO DAMAGE, CRACK AND LOOSENESS OF PARTS.  O CONTACT RESISTANCE: 50 mG MAX.  NO DAMAGE, CRACK AND LOOSENESS OF PARTS.  O CONTACT RESIS            |                                |             | ,  |                              |         |  | 40 mΩ MAX.                       |            |                            |                             | ×                                     | _    |  |
| RESISTANCE  VOLTAGE PROOF  300 V AC FOR 1 min.  NO FLASHOVER OR BREAKDOWN.  × -  MECHANICAL CHARACTERISTICS  MECHANICAL OPERATION  OPERATION  FREQUENCY 10 TO 55 Hz, AMPLITUDE: 1.5 mm. 2 hrs in 3 DIRECTIONS.  SHOCK  490 ms²- DURATION OF PULSE 11 ms FOR 95 Ms.  SHOCK  AMPLITUDE: 1.5 mm. 2 hrs in 3 DIRECTIONS.  SHOCK  490 ms²- DURATION OF PULSE 11 ms FOR 3 TIMES in 3 DIRECTIONS.  ENVIRONMENTAL CHARACTERISTICS  DAMP HEAT (STEADLY STATE)  CSTEADLY STATE)  RAPID CHANGE OF TEMPERATURE: 55 -+15 -+35 +8515 -+35 or - 48515 -+33 or - 485 ms.  FOR 3 TIMES in 3 DIRECTIONS.  ENVIRONMENTAL CHARACTERISTICS  DAMP HEAT (STEADLY STATE)  RAPID CHANGE OF TEMPERATURE: 55 -+15 -+35 or - 48515 -+33 or - 485 ms.  FOR 3 DAMP HEAT (STEADLY STATE)  RAPID CHANGE OF TEMPERATURE: 551515 or - 485 ms.  FOR 3 DAMP HEAT (STEADLY STATE)  RAPID CHANGE OF TEMPERATURE: 50 ms MAX 5 or - 30 or - MAX 5 ms 5 or - 5 crocks.  FOR 3 DAMP HEAT (STEADLY STATE)  RAPID CHANGE OF TEMPERATURE: 50 ms Max 5 or - 30 or - MAX 5 ms 5 or - 5 crocks.  CORROSION SALT MIST EXPOSED IN 3 PPM FOR 96 lbrs.  (TEMPERATURE TEXPOSED IN 3 PPM FOR 96 lbrs.  (TEMPERATURE STANDABOL) JEIOA 38)  POR 60 s 2) SOLDERING IRONS : 360 rc, FOR 5 s  SOLDERED AT SOLDER TEMPERATURE: SHALL COVER A MINIMUM OF 95 % OF THE SURFACE BEING IMMERSED.  POR 1 MS AND THE SURFACE AND THE SURFACE AND THE SURFACE AND                               | MILLIVOLT LEVEL                |             | 20 mV MAX, 1 mA(DC OR 1000Hz)  |                              |         |  | 50 mΩ MAX.                       |            |                            |                             | ×                                     | -    |  |
| VOLTAGE PROOF   300 V AC POR 1 min.   NO FLASHOVER OR BREAKDOWN.   X   Demonstration   NO FLASHOVER OR BREAKDOWN.   NO DEFORMATION OF CASE OF   DEMONSTRATION   DESCRIPTION OF REVISIONS   S60 °C,   DO FLASHOVER OR BRINGHOUSE   DEMONSTRATION   DESCRIPTION OF REVISIONS   S60 °C,   DO FLASHOVER OR BRINGHOUSE   DEMONSTRATION   DESCRIPTION OF REVISIONS   S60 °C,   DO FLASHOVER OR BRINGHOUSE   DESCRIPTION OF REVISIONS   DESIGNED   DESCRIPTION OF REVISIONS   D                |                                |             | 250 V DC   |                              |         |  |                                  |            | 100 N                      | 1Ω MIN.                     | ×                                     | -    |  |
| MECHANICAL CHARACTERISTICS  MECHANICAL  OPERATION  OPERATION  FREQUENCY 10 TO 55 Hz,  AMPULTUDE: 1.5 mm,  2 hrs in 3 DIRECTIONS.  SHOCK  490 m/s², DURATION OF PULSE 11 ms  FOR 3 TIMES IN 3 DIRECTIONS.  SHOCK  490 m/s², DURATION OF PULSE 11 ms  FOR 3 TIMES IN 3 DIRECTIONS.  SHOCK  490 m/s², DURATION OF PULSE 11 ms  FOR 3 TIMES IN 3 DIRECTIONS.  ENVIRONMENTAL CHARACTERISTICS  DAMP HEAT  (STEADY STATE)  RAPID CHANGE OF  TEMPERATURE: 50 +15 + 35 → 485 → 15 → 35   |                                |             | 200 \ / 4  | C FOR 4 min                  |         |  | NO EL                            | A CLIOVE   | D OD                       | DDEAKDOWN                   |                                       |      |  |
| MECHANICAL OPERATION  100 TIMES INSERTIONS AND EXTRACTIONS.  □ CONTACT RESISTANCE: 50 mΩ MAX □ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.  □ NO ELECTRICAL DISCONTINUITY OF 1 μs. □ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.  □ NO ELECTRICAL DISCONTINUITY OF 1 μs. □ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.  □ NO DAMAGE, CRACK AND LOOSENESS □ OF PARTS.  □ CONTACT RESISTANCE: 50 mΩ MAX □ INSULATION RESISTANCE: 50 mΩ MAX □ NO DAMAGE, CRACK AND LOOSENESS □ OF PARTS. □ CONTACT RESISTANCE: 50 mΩ MAX □ INSULATION RESISTANCE: 50 mΩ MAX □ INSULATION RESISTANCE: 50 mΩ MAX □ INSULATION RESISTANCE: 50 mΩ MAX □ NO DAMAGE, CRACK AND LOOSENESS □ OF PARTS. □ CONTACT RESISTANCE: 50 mΩ MAX □ INSULATION RESISTANCE: 50 mΩ MAX □ INSULATION RESISTANCE: 50 mΩ MAX □ NO DAMAGE, CRACK AND LOOSENESS □ OF PARTS. □ CONTACT RESISTANCE: 50 mΩ MAX □ INSULATION RESISTANCE: 50 mΩ MAX □ INSULATION RESISTANCE: 50 mΩ MAX □ INSULATION RESISTANCE: 50 mΩ MAX □ NO DAMAGE, CRACK AND LOOSENESS □ OF PARTS. □ CONTACT RESISTANCE: 50 mΩ MAX □ INSULATION IN              |                                |             |  |                              |         |  | NO FLA                           | ASHOVE     | ROR                        | BREAKDOVVN.                 | ×                                     |      |  |
| OPERATION  FREQUENCY 10 TO 55 Hz, AMPLITUDE: 1.5 mm. 2 hrs IN 3 DIRECTIONS.  SHOCK  490 ms <sup>2</sup> , DURATION OF PULSE 11 ms FOR 3 TIMES IN 3 DIRECTIONS.  ENVIRONMENTAL CHARACTERISTICS  DAMP HEAT EXPOSED AT 40±2 °C, 90 ~ 95 %, 96 hrs. (2) INSULATION RESISTANCE: 50 mc MAX. (3) INSULATION RESISTANCE: 50 mc MAX. (4) INSULATION RESISTANCE: 50 mc MAX. (5) INSULATION RESISTANCE: 50 mc MAX. (6) INSULATION RESISTANCE: 50 mc MAX. (6) INSULATION RESISTANCE: 50 mc MAX. (7) INSULATION RESISTANCE: 50 m |                                |             |  |                              | PACTION | VIS.   | <b>1 CO</b>                      | NTACT      | Eoic                       | TANCE: 50 mg MAY            |                                       | Ι.   |  |
| AMPLITUDE: 1.5 mm, 2 hrs in 3 DIRECTIONS.  SHOCK 490 m/s², DURATION OF PULSE 11 ms FOR 3 TIMES IN 3 DIRECTIONS.  ENVIRONMENTAL CHARACTERISTICS  DAMP HEAT EXPOSED AT 40±2 °C, 90 ~ 95 %, 96 hrs. (TO CONTACT RESISTANCE: 50 mg MAX. (STEADY STATE)  RAPID CHANGE OF TEMPERATURE: 55 -++15 -+35 -+ +85 -++15 -+35 °C NO DAMAGE, CRACK AND LOOSENESS OF PARTS.  CORROSION SALT MIST EXPOSED IN 5 % SALT WATER SPRAY FOR 40 hrs. (TEST STANDARD: JEIDA 38)  RESISTANCE TO 17 REFLOW SOLDERING: 250 °C MAX, SOLDER ING: 250 °C MIN, EXCESSIVE LOOSENESS OF THE FOR 60 s  2) SOLDERING IRONS: 360 °C, FOR 5 s  SOLDERABILITY SOLDER TEMPERATURE, 240 °C, FOR IMMERSION DURATION, 3 sec.  COUNT DESCRIPTION OF REVISIONS DESIGNED CHECKED DATE  AND ALL COVER A MINIMUM OF 95 % OF THE SURFACE BEING IMMERSED.  AND DESCRIPTION OF REVISIONS DESIGNED CHECKED DATE  AND DESCRIPTION OF REVISIONS DESIGNED CHECKED BEING IMMERSED.  AND DESCRIPTION OF REVISIONS DESIGNED CHECKED DATE  AND DESCRIPTION OF REVISIONS DESIGNED CHECKED BEING IMMERSED.  AND DESCRIPTION OF REVISIONS DESIGNED CHECKED DATE  AND DESCRIPTION OF REVISIONS DESIGNED TWO DESCRIPTION OF CASE OF THE SURFACE BEING IMMERSED.  AND DESCRIPTION OF REVISIONS DESIGNED TWO DESCRIPTION OF CASE OF THE SURFACE BEING IMMERSED.  AND DESCRIPTION OF REVISIONS DESIGNED TWO DESCRIPTION OF CASE OF THE SURFACE BEING IMMERSED.  AND DESCRIPTION OF REVISIONS DESIGNED TWO DESCRIPTION OF CASE OF THE SURFACE BEING IMMERSED.  AND DESCRIPTION OF REVISIONS DESCRIPTION OF CASE OF THE SURFACE BEING IMMERSED.  AND DESCRIPTION OF REVISIONS DESCRIPTION OF CASE OF THE SURFACE BEING IMMERSED.  AND DESCRIPTION OF THE CHECKED THE BOARD MOUNTED.  DESIGNED TWO DESCRIPTION OF THE CHECKED THE BOARD MOUNTED.  DESIGNED TWO DESCRIPTION OF THE CHECKED THE CHECKED THE CHECKED THE CHECKED T            |                                |             | 100 TIMES INSERTIONS AND EXTRACTIONS.                                |                              |         |  | ② NO DAMAGE, CRACK AND LOOSENESS |            |                            |                             | ^                                     | _    |  |
| 2 Ins IN 3 DIRECTIONS.  SHOCK  490 m/s², DURATION OF PULSE 11 ms FOR 3 TIMES IN 3 DIRECTIONS.  ENVIRONMENTAL CHARACTERISTICS  DAMP HEAT (STEADY STATE)  (STEAT STATE)  (STEATY STATE)  (STEATY STATE)  (STEATY STATE)  (STEAT STATE)  (STEATY             | VIBRATION                      |             | ,  |                              |         |  | ① ИО                             | ELECTR     | ICAL                       | DISCONTINUITY OF            | ×                                     | -    |  |
| SHOCK 490 m/s². DURATION OF PULSE 11 ms FOR 3 TIMES IN 3 DIRECTIONS.  ENVIRONMENTAL CHARACTERISTICS  DAMP HEAT (STEADY STATE)  EXPOSED AT 40 ± 2 °C, 90 ~ 95 %, 96 hrs. (STEADY STATE)  EXPOSED AT 40 ± 2 °C, 90 ~ 95 %, 96 hrs. (STEADY STATE)  EXPOSED AT 40 ± 2 °C, 90 ~ 95 %, 96 hrs. (STEADY STATE)  EXPOSED AT 40 ± 2 °C, 90 ~ 95 %, 96 hrs. (STEADY STATE)  EXPOSED AT 40 ± 2 °C, 90 ~ 95 %, 96 hrs. (STEADY STATE)  EXPOSED AT 40 ± 2 °C, 90 ~ 95 %, 96 hrs. (STEADY STATE)  EXPOSED AT 40 ± 2 °C, 90 ~ 95 %, 96 hrs. (STEADY STATE)  EXPOSED IN 3 MAX 5 → 30 → MAX 5 min 5 CYCLES.  CORROSION SALT MIST EXPOSED IN 5 % SALT WATER SPRAY FOR 48 hrs. (TEST STANDARD. JEIDA 38)  HYDROGEN SULPHIDE EXPOSED IN 3 PPM FOR 96 hrs. (TEST STANDARD. JEIDA 38)  RESISTANCE TO SOLDERING IRONS : 250 °C MAX, EXCESSIVE LOOSENESS OF THE TERMINALS.  2) SOLDERING IRONS : 250 °C MIN, EXCESSIVE LOOSENESS OF THE TERMINALS.  SOLDERABILITY  SOLDERED AT SOLDER TEMPERATURE, SANGUE, SANGUE, FOR 5 S  SOLDERABILITY  SOLDERA TSOLDER TEMPERATURE, SANGUE AND MINIMUM OF 95 % OF THE SURFACE BEING IMMERSED.  A NEW UNIFORM COATING OF SOLDER SHALL COVER A MINIMUM OF 95 % OF THE SURFACE BEING IMMERSED.  COUNT DESCRIPTION OF REVISIONS DESIGNED CHECKED DATE  FOR THE UNUSED PRODUCT BEFORE THE BOADD MOUNTED.  DESIGNED TX. YANAGISAMA (5.09.09)  DESIGNED TX. YANAGISAMA (5.09.09)  DESIGNED TX. YANAGISAMA (6.09.09)  TX. YANAGISAMA (6.09.09)  DESIGNED TX. YANAGISAMA (6.09.09)  DESIGNED TX. YANAGISAMA (6.09.09)  DRAWN TX. YANAGISAMA (6.09.09)   |                                |             | · ·  |                              |         |  | , ·                              |            |                            |                             |                                       |      |  |
| FOR 3 TIMES IN 3 DIRECTIONS.  ENVIRONMENTAL CHARACTERISTICS  DAMP HEAT (STEADY STATE)  EXPOSED AT 40±2 °C, 90 ~ 95 %, 96 hrs. (STEADY STATE)  RAPID CHANGE OF  TEMPERATURES-35-+15-+35-+35-+35-+35 °C  TIME 30 → MAX 5 → 30 → MAX 5 min 5 CYCLES.  CORROSION SALT MIST  EXPOSED IN 5 % SALT WATER SPRAY FOR 48 hrs.  (TEST STANDARD: JEIDA 38)  RESISTANCE TO  1) REFLOW SOLDERING: 250 °C MAX, FOR 60 s  2) SOLDERING IRONS: 360 °C, FOR 60 s  2) SOLDERABILITY  SOLDERED AT SOLDER TEMPERATURE, SOLDERABILITY  SOLDERED AT SOLDER TEMPERATURE, O'THIS STORAGE INDICATES A LONG-TERM STORAGE STATE FOR ITHE UNUSED PRODUCT BEFORE THE BORAD MOUNTED.  Unless otherwise specified, refer to MIL-STD-1344.  Note QT:Qualification Test AT:Assurance Test X:Applicable Test  PART NO.  (SCACACK AND LOOSENESS  OF NAX.  INSULATION RESISTANCE: 50 mΩ MAX.  IND DAMAGE, CRACK AND LOOSENESS  OF PARTS.  OO PARTS.  OO PARTS.  OO PARTS.  OO POPARTS.  OO POPARTS.  OO POPARTS.  OO PARTS.  OO POPARTS.  OO PARTS.  OO PART             |                                |             |  |                              |         |  | f -                              |            |                            |                             | ×                                     | -    |  |
| ENVIRONMENTAL CHARACTERISTICS  DAMP HEAT  (STEADY STATE)  RAPID CHANGE OF  TEMPERATURE: 50 → 140 ± 2 °C, 90 ~ 95 %, 96 hrs.  (STEADY STATE)  RAPID CHANGE OF  TEMPERATURE: 50 → 140 ± 2 °C, 90 ~ 95 %, 96 hrs.  (STEADY STATE)  RAPID CHANGE OF  TEMPERATURE: 50 → 140 ± 2 °C, 90 ~ 95 %, 96 hrs.  (STEADY STATE)  RAPID CHANGE OF  TEMPERATURE: 50 → 140 ± 2 °C, 90 ~ 95 %, 96 hrs.  (TIME: 30 → MAX 5 → 30 → MAX 5 min 5 C VCLES.  CORROSION SALT MIST  EXPOSED IN: 5 % SALT WATER SPRAY FOR  48 hrs.  (TEST STANDARD: JEIDA 38)  RESISTANCE TO  1) REFLOW SOLDERING: 250 °C MAX,  2) SOLDERING IRONS: 360 °C, 120 °C MIN,  FOR: 60 s  2) SOLDERING IRONS: 360 °C, 5 s  SOLDERABILITY  SOLDERED AT SOLDER TEMPERATURE,  240 °C,  FOR IMMERSION DURATION, 3 sec.  COUNT  DESCRIPTION OF REVISIONS  DESIGNED  CHECKED  DATE  APPROVED  HS. DIAWA  105. 11. 01  CHECKED  HS. DIAWA  105. 10.              |                                |             |  |                              |         |  | OF FARTS.                        |            |                            |                             |                                       |      |  |
| DAMP HEAT (STEADY STATE) (STEADY S              | ENVIRON                        | MENTAL C    |  |                              |         |  |                                  |            |                            |                             |                                       |      |  |
| TEMPERATURE 55→15→15→15→15→15→15→15→15→15→15→15→15→1  | DAMP HEAT                      |             |  |                              |         |  | ① CONTACT RESISTANCE: 50 mΩ MAX. |            |                            |                             | ×                                     | l –  |  |
| TEMPERATURE  TIME 30 → MAX 5 → 30 → MAX 5 min 5 CYCLES.  CORROSION SALT MIST EXPOSED IN 5 % SALT WATER SPRAY FOR 48 hrs.  HYDROGEN SULPHIDE  EXPOSED IN 3 PPM FOR 96 hrs.  (TEST STANDARD: JEIDA 38)  RESISTANCE TO 5 COLDERING : 220 °C MAX, 5 CONTACT RESISTANCE: 50 mΩ MAX.  1) REFLOW SOLDERING: 250 °C MAX, 5 CONTACT RESISTANCE: 50 MΩ MAX.  1) REFLOW SOLDERING: 250 °C MAX, 5 CONTACT RESISTANCE: 50 MΩ MAX.  1) REFLOW SOLDERING: 250 °C MAX, 5 CONTACT RESISTANCE: 50 MΩ MAX.  1) REFLOW SOLDERING: 250 °C MAX, 5 CONTACT RESISTANCE: 50 MΩ MAX.  1) REFLOW SOLDERING: 250 °C MAX, 5 CONTACT RESISTANCE: 50 MΩ MAX.  1) REFLOW SOLDERING: 250 °C MAX, 5 CONTACT RESISTANCE: 50 MΩ MAX.  1) REFLOW SOLDERING: 250 °C MAX, 5 CONTACT RESISTANCE: 50 MΩ MAX.  1) REFLOW SOLDERING: 250 °C MAX, 5 CONTACT RESISTANCE: 50 MΩ MAX.  1) REFLOW SOLDERING: 250 °C MAX, 5 CONTACT RESISTANCE: 50 MΩ MAX.  2) NO HEAVY CORROSION.  1) REFLOW SOLDERING: 250 °C MAX, 5 CONTACT RESISTANCE: 50 MΩ MAX.  2) NO HEAVY CORROSION.  2) SOLDERING: 250 °C MAX, 5 CONTACT RESISTANCE: 50 MΩ MAX.  2) NO HEAVY CORROSION.  3) NO HEAVY CORROSION.  3) NO HEAVY CORROSION.  3) NO HEAVY CORROSION.  3) NO HEAVY CORROSION.  4 B http://packet.main.  4 PROVED H.S. OKAWA 4 D.S. 11.01  5 CHECKED H.S. OKAWA 5 CHECKED H.S. OK              | (STEADY STATE)                 |             |  |                              |         |  |                                  |            |                            |                             |                                       |      |  |
| HYDROGEN SULPHIDE EXPOSED IN 3 PPM FOR 96 hrs.  (TEST STANDARD: JEIDA 38)  RESISTANCE TO 10 REFLOW SOLDERING: 250 °C MAX, FOR 60 s TERMINALS.  20 SOLDERING IRONS: 360 °C, FOR 5 s  SOLDERABILITY SOLDER DAT SOLDER TEMPERATURE, 240 °C, FOR IMMERSION DURATION, 3 sec.  COUNT DESCRIPTION OF REVISIONS DESIGNED CHECKED DATE  REMARK (**) TEMPERATURE RISE INCLUDED WHEN ENERGIZED.  **O'THIS STORAGE INDICATES A LONG-TERM STORAGE STATE FOR THE UNUSED PRODUCT BEFORE THE BOARD MOUNTED.  Unless otherwise specified, refer to MIL-STD-1344.  **NO DEFORMATION OF CASE OF X  |                                |             | TIME 30 $\rightarrow$ MAX 5 $\rightarrow$ 30 $\rightarrow$ MAX 5 min |                              |         |  | ·                                |            |                            |                             |                                       | _    |  |
| HYDROGEN SULPHIDE (TEST STANDARD: JEIDA 38)  RESISTANCE TO (TEST STANDARD: JEIDA 38)  1) REFLOW SOLDERING: 250 °C MAX, 220 °C MIN, FOR 60 s  2) SOLDERING IRONS: 380 °C, FOR 5 s  SOLDERABILITY  SOLDERED AT SOLDER TEMPERATURE, 240°C, FOR IMMERSION DURATION, 3 sec.  COUNT DESCRIPTION OF REVISIONS  COUNT DESCRIPTION OF REVISIONS  DESIGNED  COUNT DESCRIPTION OF REVISIONS  COUNT DESCRIPTION OF REVISIONS  COUNT DESCRIPTION OF REVISIONS  COUNT DESCRIPTION OF REVISIONS  DESIGNED  CHECKED  DATE  APPROVED HS. OKAWA  DESIGNED  CHECKED DATE  APPROVED HS. OKAWA  DESIGNED  THE SURFACE BEING IMMERSED.  APPROVED HS. OKAWA  DESIGNED  TK. YANAGISAWA  DE            | CORROSION SALT MIST            |             |  |                              |         |  |                                  |            |                            |                             | ×                                     | -    |  |
| SOLDERING HEAT  : 220 °C MIN, FOR 60 s  2) SOLDERING IRONS : 360 °C, FOR 5 s  SOLDERABILITY  SOLDERED AT SOLDER TEMPERATURE, 240 °C, FOR IMMERSION DURATION, 3 sec.  COUNT DESCRIPTION OF REVISIONS  DESIGNED  COUNT DESCRIPTION OF REVISIONS  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.  Note QT:Qualification Test AT:Assurance Test X:Applicable Test  SPECIFICATION SHEET  PART NO.  EXCESSIVE LOOSENESS OF THE TERMINALS.  A NEW UNIFORM COATING OF SOLDER SHALL COVER A MINIMUM OF 95 % OF THE SURFACE BEING IMMERSED.  A PPROVED HS: OKAWA O5. 11.01  CHECKED HS: OZAWA O5. 11.01  DESIGNED TK. YANAGISAWA O5. 09.09  DRAWN TK. YANAGISAWA O5.09.09  DRAWN TK. YANAGISAWA O5.09.09  PART NO.  FX6A-20P-0. 8SV1 (93)  | HYDROGEN SULPHIDE              |             | EXPOSED IN 3 PPM FOR 96 hrs.   |                              |         |  | W NO HEAVY CORROSION.            |            |                            |                             |                                       | -    |  |
| 2) SOLDERING IRONS : 360 °C, FOR 5 s  SOLDERED AT SOLDER TEMPERATURE, 240°C, FOR IMMERSION DURATION, 3 sec.  COUNT DESCRIPTION OF REVISIONS  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.  Note QT:Qualification Test AT:Assurance Test X:Applicable Test  SPECIFICATION SHEET  PART NO.  A NEW UNIFORM COATING OF SOLDER X - SHALL COVER A MINIMUM OF 95 % OF THE SURFACE BEING IMMERSED.  A PPROVED HS. OKAWA O5. 11. 01 CHECKED HS. OZAWA 05. 11. 01 DESIGNED TK. YANAGISAWA 05. 09. 09 DRAWN TK. YANAGISAWA 05. 09. 09  PART NO.  FX6A-20P-0. 8SV1 (93)   |                                |             | : 220 °C MIN,  |                              |         |  | EXCESSIVE LOOSENESS OF THE       |            |                            |                             | ×                                     | _    |  |
| SOLDERABILITY  SOLDERED AT SOLDER TEMPERATURE, 240°C, FOR IMMERSION DURATION, 3 sec.  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.  Unless otherwise specified, refer to MIL-STD-1344.  Note QT:Qualification Test AT:Assurance Test X:Applicable Test DRAWING NO.  SOLDERABILITY  A NEW UNIFORM COATING OF SOLDER SHALL COVER A MINIMUM OF 95 % OF THE SURFACE BEING IMMERSED.  A PROVED HS. OKAWA 05.11.01  CHECKED HS. OKAWA 05.11.01  DESIGNED TK. YANAGISAWA 05.09.09  DRAWN TK. YANAGISAWA 05.09.09  DRAWN TK. YANAGISAWA 05.09.09  SPECIFICATION SHEET PART NO.  FX6A-20P-0. 8SV1 (93)   |                                |             | 2) SOLDE   | 2) SOLDERING IRONS : 360 °C, |         |  |                                  | TERMINALS. |                            |                             |                                       |      |  |
| 240°C, FOR IMMERSION DURATION, 3 sec.    COUNT   DESCRIPTION OF REVISIONS   DESIGNED   CHECKED   DATE   |                                |             |  |                              |         |  | A NEW                            | UNIFOR     | M CC                       | DATING OF SOLDER            | ×                                     | _    |  |
| 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.  Note QT:Qualification Test AT:Assurance Test X:Applicable Test  SPECIFICATION SHEET  PART NO.  APPROVED HS. OKAWA 05.11.01 CHECKED HS. OZAWA 05.11.01 DESIGNED TK. YANAGISAWA 05.09.09 DRAWN TK. YANAGISAWA 05.09.09 DRAWN TK. YANAGISAWA 05.09.09  FX6A-20P-0. 8SV1 (93)   |                                |             | 240°C,   | 0°C,                         |         |  | SHALL COVER A MINIMUM OF 95 % OF |            |                            |                             |                                       |      |  |
| 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.  Note QT:Qualification Test AT:Assurance Test X:Applicable Test  SPECIFICATION SHEET  PART NO.  APPROVED HS. OKAWA 05.11.01 CHECKED HS. OZAWA 05.11.01 DESIGNED TK. YANAGISAWA 05.09.09 DRAWN TK. YANAGISAWA 05.09.09 DRAWN TK. YANAGISAWA 05.09.09  FX6A-20P-0. 8SV1 (93)   |                                |             |  |                              |         |  |                                  |            |                            |                             |                                       |      |  |
| 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.  Note QT:Qualification Test AT:Assurance Test X:Applicable Test  SPECIFICATION SHEET  PART NO.  APPROVED HS. OKAWA 05.11.01 CHECKED HS. OZAWA 05.11.01 DESIGNED TK. YANAGISAWA 05.09.09 DRAWN TK. YANAGISAWA 05.09.09 DRAWN TK. YANAGISAWA 05.09.09  FX6A-20P-0. 8SV1 (93)   | COUNT DESCRIPT                 |             |  | ON OF REVISIONS DESIG        |         | NED  |                                  |            | CHECKED DA                 |                             | TF                                    |      |  |
| 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.  Note QT:Qualification Test AT:Assurance Test X:Applicable Test DRAWING NO.  SPECIFICATION SHEET  PART NO.  APPROVED HS.OKAWA 05.11.01 CHECKED HS.OKAWA 05.11.01 DESIGNED TK.YANAGISAWA 05.09.09 DRAWN TK.YANAGISAWA 05.09.09  PART NO.  FX6A-20P-0. 8SV1 (93)   |                                | 1           |  |                              |         | ,  |                                  |            | SILERED                    |                             |                                       | -    |  |
| CHECKED HS.0ZAWA 05.11.01 DESIGNED TK.YANAGISAWA 05.09.09 Unless otherwise specified, refer to MIL-STD-1344.  Note QT:Qualification Test AT:Assurance Test X:Applicable Test DRAWING NO.  SPECIFICATION SHEET PART NO.  PART NO.  CHECKED HS.0ZAWA 05.11.01 DESIGNED TK.YANAGISAWA 05.09.09 DRAWN TK.YANAGISAWA 05.09.09 DRAWING NO.  ELC4-071315-23  | REMARK (1) TEMPERATURE RISE IN |             |  | I<br>DLUDED WHEN ENERGIZED.  |         |  | APPROVE                          |            |                            | HS.OKAWA (                  |                                       | 1.01 |  |
| Unless otherwise specified, refer to MIL-STD-1344.  Note QT:Qualification Test AT:Assurance Test X:Applicable Test DRAWING NO.  DESIGNED TK.YANAGISAWA 05.09.09  DESIGNED TK.YANAGISAWA 05.09.09  DRAWN TK.YANAGISAWA 05.09.09  DRAWING NO.  ELC4-071315-23  PART NO.  FX6A-20P-0. 8SV1 (93)  | (2)                            |             |  |                              |         |  |                                  |            |                            |                             |                                       |      |  |
| Unless otherwise specified, refer to MIL-STD-1344.  Note QT:Qualification Test AT:Assurance Test X:Applicable Test DRAWING NO. ELC4-071315-23  SPECIFICATION SHEET PART NO. FX6A-20P-0. 8SV1 (93)   |                                | FOR THE UNU | SED PROD   |                              |         |  | DESIGNE                          |            |                            |                             | WA 05.09.                             |      |  |
| Note QT:Qualification Test AT:Assurance Test X:Applicable Test DRAWING NO. ELC4-071315-23  SPECIFICATION SHEET PART NO. FX6A-20P-0. 8SV1 (93)   | Unless of                      | herwise spe | cified re  | efer to MIL-STD-1344         |         |  |                                  |            |                            |                             |                                       |      |  |
| 10 Whose Electric control of the  |                                | •           |  |                              |         |  |                                  |            |                            |                             | · · · · · · · · · · · · · · · · · · · |      |  |
| HIROSE ELECTRIC CO., LTD.   CODE NO   CI 576-0221-0-93   1/1  | שחכ                            | SF          | PECIFI   | CATION SHEET                 |         | PART   | NO. FX6A-20P-0. 8SV1 (93         |            |                            | A-20P-0. 8SV1 (93           | ()                                    |      |  |
| ,   5552115.   526,0 5221 5 5 6   | $\pi$                          | HIR         | OSE EI   | ECTRIC CO., LTD.             |         | CODE   | NO.                              | CL         | 576                        | -0221-0-93                  | 6                                     | 1/1  |  |