| COUNT                                                                                                             | DESCRIPTION                           | OF REVIS                                                                                                                                                                                                                                                                                                                                                                                                               | IONS                                                     | BY     | CHKD     | DATE       |          | COUN                  | -                                                                                                                                                   | DESCRIPTION OF                                    | KEVIOIONO               | BA CHKD    | DA    | <u> </u>       |
|-------------------------------------------------------------------------------------------------------------------|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|--------|----------|------------|----------|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|-------------------------|------------|-------|----------------|
| $\triangle$                                                                                                       |                                       |                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                          |        | ļ        |            | <u> </u> | 4                     | $\perp$                                                                                                                                             |                                                   |                         |            |       |                |
| $\triangle$                                                                                                       |                                       |                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                          |        |          |            |          | 7                     |                                                                                                                                                     |                                                   |                         |            |       |                |
| APPLICA                                                                                                           | BLE STAN                              | DARD                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                          |        |          |            |          | loto                  | <u> </u>                                                                                                                                            | `E                                                |                         |            |       |                |
| RATING                                                                                                            | OPERATING<br>TEMPERATUR               | E RANGE                                                                                                                                                                                                                                                                                                                                                                                                                |                                                          |        |          |            |          |                       | TORAGE -10°C TO 6                                                                                                                                   |                                                   |                         |            | 60 °C | ;<br>          |
| RATING                                                                                                            | VOLTA                                 | 250V AC                                                                                                                                                                                                                                                                                                                                                                                                                |                                                          |        |          |            |          | CURRENT 3A            |                                                                                                                                                     |                                                   |                         |            |       |                |
|                                                                                                                   |                                       | SPECIFICATIONS                                                                                                                                                                                                                                                                                                                                                                                                         |                                                          |        |          |            |          |                       |                                                                                                                                                     |                                                   |                         |            |       |                |
| IT                                                                                                                | EM                                    | <u> </u>                                                                                                                                                                                                                                                                                                                                                                                                               | •                                                        | TES    |          |            | 10/      | 1110                  |                                                                                                                                                     |                                                   | JIREMEN                 | TS         | ТОТ   | AT             |
| CONSTRUCTION                                                                                                      |                                       |                                                                                                                                                                                                                                                                                                                                                                                                                        | TEST METHOD                                              |        |          |            |          |                       | —                                                                                                                                                   | 11200                                             | JII (LIVILIV            |            | 1~.   | 17             |
|                                                                                                                   | VISUALLY AND BY MEASURING INSTRUMENT. |                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                          |        |          |            |          | ACCORDING TO DRAWING. |                                                                                                                                                     |                                                   |                         |            | X     |                |
| MARKING                                                                                                           |                                       | CONFIRMED VISUALLY.                                                                                                                                                                                                                                                                                                                                                                                                    |                                                          |        |          |            |          |                       | 7                                                                                                                                                   |                                                   |                         |            |       | X              |
|                                                                                                                   |                                       | <u> </u>                                                                                                                                                                                                                                                                                                                                                                                                               |                                                          | F      | LECT     | TRIC CH    | IAR      | ACTE                  | RIS                                                                                                                                                 | STICS                                             |                         |            | 1     |                |
| CONTACT                                                                                                           | DECICTANCE                            | 1100 mA                                                                                                                                                                                                                                                                                                                                                                                                                | /DC C                                                    |        |          |            | 17 VI V  |                       |                                                                                                                                                     | mΩ MAX.                                           |                         |            | Τx    | 1              |
| INSULATION                                                                                                        |                                       | 100 mA (DC OR 1000 Hz).                                                                                                                                                                                                                                                                                                                                                                                                |                                                          |        |          |            |          |                       |                                                                                                                                                     |                                                   |                         |            |       | <del>  -</del> |
| RESISTANCE                                                                                                        |                                       |                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                          |        |          |            |          |                       | 1000 MΩ MIN.                                                                                                                                        |                                                   |                         |            | ×     |                |
| VOLTAGE PROOF                                                                                                     |                                       | 650 V AC FOR 1 min.                                                                                                                                                                                                                                                                                                                                                                                                    |                                                          |        |          |            |          |                       | NO FLASHOVER OR BREAKDOWN.                                                                                                                          |                                                   |                         |            |       | _              |
|                                                                                                                   | VICAL CHA                             |                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                          |        |          |            |          |                       |                                                                                                                                                     |                                                   |                         |            |       |                |
| MECHANIC<br>OPERATIO                                                                                              | 50 TIMES INSERTIONS AND EXTRACTIONS.  |                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                          |        |          |            |          | <u>②</u> ١            | CONTACT RESI<br>NO DAMAGE, CI<br>OF PARTS.                                                                                                          |                                                   |                         | ×          | _     |                |
| VIBRATION                                                                                                         |                                       | FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75mm AT 2 h, FOR 3 DIRECTIONS.                                                                                                                                                                                                                                                                                                                                               |                                                          |        |          |            |          |                       | ① N<br>② N                                                                                                                                          | NO ELECTRICA<br>NO DAMAGE, C<br>DF PARTS.         |                         |            |       | -              |
| SHOCK                                                                                                             |                                       | 490 m/s² DIRECTIONS OF PULSE 11 ms A<br>3 TIME FOR 3 DIRECTION.                                                                                                                                                                                                                                                                                                                                                        |                                                          |        |          |            |          |                       | ② N                                                                                                                                                 | NO ELECTRICA<br>NO DAMAGE, C<br>DF PARTS.         |                         |            |       | _              |
| ENVIRO                                                                                                            | NMENTAL                               | CHAR                                                                                                                                                                                                                                                                                                                                                                                                                   | ACTE                                                     | RIS    | TICS     | 3          |          |                       |                                                                                                                                                     |                                                   |                         |            |       |                |
| RAPID CHANGE OF<br>TEMPERATURE                                                                                    |                                       | TEMPERATURE -55 $\rightarrow$ 5 TO 35 $\rightarrow$ 85 $\rightarrow$ 5 TO 35 $^{\circ}$<br>TIME 30 $\rightarrow$ 10 TO 15 $\rightarrow$ 30 $\rightarrow$ 10 TO 15r<br>UNDER 5 CYCLES.                                                                                                                                                                                                                                  |                                                          |        |          |            |          |                       | 1 ②<br>③                                                                                                                                            | CONTACT RESINSULATION RODAMAGE, OF PARTS.         | RESISTANCE              | :1000MΩMIN |       | -              |
| DAMP HEAT<br>(STEADY STATE)                                                                                       |                                       | EXPOSED AT 40±2 °C, 90 TO 95 %, 96 h.                                                                                                                                                                                                                                                                                                                                                                                  |                                                          |        |          |            |          |                       | <ol> <li>CONTACT RESISTANCE: 30 mΩ MAX.</li> <li>INSULATION RESISTANCE:500MΩ MIN.</li> <li>NO DAMAGE, CRACK AND LOOSENESS,<br/>OF PARTS.</li> </ol> |                                                   |                         |            | 1 X   | _              |
| RESISTANCE TO<br>SOLDERING HEAT                                                                                   |                                       | 1) AUTOMATIC SOLDERING (REFLOW)  《REFLOW AREA》  MAX 240°C WITHIN 10 sec.  MIN 220°C 10 sec to 30 sec.  《PREHEATING AREA》  150°C 100 sec. To 120 sec.  PUT THROUGH IN REFLOW FUMACE TWICE.  LEAVE IN AMBIENT TEMPERATURE AND  HUMIDITY FOR 1 HOUR. CONNECTOR  TEMPERATURE TO BE AMBIENT FOR SECON  REFLOW.  2) MANUAL SOLDERING  SOLDERING IRON TEMPERATURE : 290±10°  SOLDERING TIME : 3 sec.  NO STRENGTH ON CONTACT. |                                                          |        |          |            |          | COND                  | EX                                                                                                                                                  | D DEFORMATIO<br>(CESSIVE LOOSERMINALS.            |                         |            | ×     |                |
|                                                                                                                   |                                       |                                                                                                                                                                                                                                                                                                                                                                                                                        | SOLDERING TEMPERATURE : 230°C<br>SOLDERING TIME : 3 sec. |        |          |            |          |                       | CC                                                                                                                                                  | NEW UNIFORM CO<br>OVER MINIMUM O<br>ING IMMERSED. |                         |            | ×     | -              |
| REMARKS                                                                                                           |                                       |                                                                                                                                                                                                                                                                                                                                                                                                                        | DRA                                                      |        |          |            |          |                       |                                                                                                                                                     | DESIGNED                                          | CHECKED                 | APPROVED   | RELE  | ASED           |
|                                                                                                                   | CLUDE THE T                           |                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                          |        |          |            |          | M.Naka                | amoto                                                                                                                                               | 0 / Umehara<br>04.03.25                           | T.Miyazaki<br>'01 43 54 | J. Qua     |       |                |
| Unless otherwise specified, refer to JIS C 5402.  Note QT: Qualification Test AT: Assurance Test X:Applicable Tes |                                       |                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                          |        |          |            |          | 04.00                 | J.ZÜ                                                                                                                                                | 07.03.25                                          | 14,03,25                | 07.03.23   |       |                |
| Note QT:                                                                                                          | Qualification Te                      | est AT: A                                                                                                                                                                                                                                                                                                                                                                                                              | ssuran                                                   | ce Tes | st ×:    | Applicable | ıest     |                       |                                                                                                                                                     | PART NO                                           | 0.                      |            |       |                |
| HS<br>CODE NO.(O                                                                                                  | HIROSE E                              |                                                                                                                                                                                                                                                                                                                                                                                                                        | DRAWIN                                                   | IG NO. | <u> </u> | PECIFIC    |          | [1                    |                                                                                                                                                     | EET DF                                            | -3Z-*                   |            | (50)  | 1 /            |
| CL                                                                                                                |                                       |                                                                                                                                                                                                                                                                                                                                                                                                                        | E L                                                      | C 4 ·  | -3(      | 593        | 9 —      | 12                    |                                                                                                                                                     | С                                                 | L543                    |            |       | /1             |