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| APPLICAI | BLE STAND | ARD | | | | | | | | | |
|--|------------------------|---|--|----------|-----------|---|---|--------|-----------------------------|---------------|----------------|
| OPERATING TEMPERATURE | | _35°C TO 85°C (NOTE 1) | | | | RAGE PERATURE RANGE | | | -10°C TO 60°C | | |
| RATING | VOLTAGE | ERANGE | 250V AC | | | | CONNECT | | MDF7-*P-2. 54DSA(| **) | Λ |
| | CURRENT | | 3A | | | | | | IIIDI 7 -11 2. 0 100/1 (| , | |
| | | | SPEC | IFICA | ATION | IS | | | | | |
| IT | EM | | TEST METHOD | | | | RF | OUIR | EMENTS | QT | АТ |
| CONSTRI | | | TEST METHOD | | | | 110 | QOIIX | LINEIVIO | <u> </u> | 1 / () |
| | | VISUALL` | Y AND BY MEASURING IN: | STRUME | ENT. | ACCOF | RDING T | O DR | AWING. | X | X |
| MARKING | | CONFIRM | MED VISUALLY. | | | | | | | X | X |
| ELECTR | IC CHARA | CTERIS | STICS | | | l | | | | | 1 |
| | | 100m A (DC OR 1000 Hz). 30mΩ MAX. | | | | | | | | Х | Τ- |
| INSULATION | | 500V DC. | | | | 1000M | ΩMIN. | | | X | † <u> </u> |
| RESISTANC | | | | | | | | | | | |
| VOLTAGE P | ROOF | 650V AC FOR 1 min. | | | | NO FLA | ASHOVE | R OR | BREAKDOWN. | X | - |
| | ICAL CHAR | | | | | | | | | | |
| CONTACT INS | SERTION TION FORCES | □0.635±0.002 mm BY STEEL GAUGE. | | | | | TION FO | | 4.4 N MAX. E: 0.4 N MIN. | X | - |
| MECHANICA | | 50TIMES | INSERTIONS AND EXTRA | CTIONS | | | | | | X | +- |
| OPERATION | | Serial Edition of the Extra Control of the Control | | | | ① CONTACT RESISTANCE: 30mΩ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS. | | | | | |
| VIBRATION | | | NCY 10 TO 55 Hz, SINGLE | | UDE | 1 | | | DISCONTINUITY OF 10μs. | Х | - |
| | | 0.75 mm, AT 2 h, FOR 3 DIRECTIONS. | | | | 1 | ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS. | | | | |
| SHOCK | | 490 m/s ² | DURATION OF PULSE 11 r | ns AT 3 | TIMES | | | ICAL [| DISCONTINUITY OF 10μs. | Х | - |
| | | FOR 3 DIRECTIONS. | | | | _ | NO DAMAGE, CRACK OR LOOSENESS OF | | | | |
| | IMENITAL C | HVBVC. | TERISTICS | | | PAR | (15. | | | | |
| RAPID CHA | | | TENS 1103 ATURE -55→ 5 TO 35→85 | →5 TO 3 | 5°C | ① CON | NTACT R | FSIS1 | FANCE: 30mΩ MAX. | Тх | Τ_ |
| TEMPERATI | URE | TIME 30→10 TO 15→30→10TO15min | | | | ② INSULATION RESISTANCE: 1000 M Ω MIN. | | | | | |
| | | UNDER 5 CYCLES. | | | | ③ NO DAMAGE, CRACK OR LOOSENESS OF PARTS. | | | | | |
| DAMP HEAT | | EXPOSE | D AT 40 \pm 2 °C, 90 TO 95 | %, 96 h. | | ① CONTACT RESISTANCE: 30mΩ MAX. | | | | Х | - |
| (STEADY STATE) | | | | | | ② INSULATION RESISTANCE: 500 MΩ MIN. ③ NO DAMAGE, CRACK OR LOOSENESS OF PARTS. | | | | | |
| CORROSIO | N SALT MIST | EXPOSED IN 5% SALT WATER SPRAY FOR 48h. | | | | \bigcirc CONTACT RESISTANCE: 60 m Ω MAX. | | | | | +- |
| | | | | | | ② NO HEAVY CORROSION. | | | | | |
| SULPHUR DIOXIDE | | EXPOSED IN 10 PPM FOR 96 h. (TEST STANDARD:JEITA-39) | | | | ① CONTACT RESISTANCE: 60 mΩ MAX. | | | | X | - |
| RESISTANCE TO | | [FLOW CONDITION BY AUTOMATIC SOLDERING UNIT] | | | | ② NO HEAVY CORROSION. NO DEFORMATION OF CASE OF | | | | | +_ |
| SOLDERING HEAT | | SOLDER TEMPERATURE 260±5°C, FOR IMMERSION | | | | EXCESSIVE LOOSENESS OF THE | | | | X | |
| | | DURATION 10s.(ONE TIME) [RECOMMENDED MANUAL SOLDELING CONDITION] | | | | TERMINALS. | | | | | |
| | | | G IRON TEMPERATURE 350°C G TIME : WITHIN 3 SECONDS. | | | | | | | | |
| | | | PPLY ANY FORCE TO THE CONT | ACTS. | | | | | | | |
| SOLDERABI | ILITY | | ED AT SOLDER TEMPERA | | Λ | 1 | | | VER A MINIMUM OF | Х | - |
| | | 245±5°C | FOR IMMERSION DURAT | ION 5s. | | 95% OI | F THE ST | JRFA | CE BEING IMMERSED. | | |
| | | | | | | | | | | | |
| COUN | T DI | SCRIPTIO | ON OF REVISIONS | | DESIG | SNED | | | CHECKED | DA | ATE |
| 6 | | DIS | -H-006198 | | YN. SAK | AMOTO | | | TS.MIYAZAKI | 11.1 | 0. 12 |
| REMARKS NOTE 1:INCL | UDING THE TEN | TEMPERATURE RISE BY CURRENT. | | | | APPROVED | | | | | 01.05 |
| | | | | | | | CHECKED KI. AKIYAMA | | | |)1. 05 |
| UNLESS OTHERWISE SPECIFIED , REFER TO JIS C 54 | | | ER TO JIS C 5402 . | 5402 . | | DESIGNED | | - | TH. ARA I | 05. 01. 05 | |
| · | | | | | DRAWN | | TH. ARA I | |)1. 05 | | |
| | ualification Tes | st AT:Assurance Test X:Applicable Test | | | | | WING NO. | | ELC4-162738-11 | | |
| HS. | | PECIFICATION SHEET | | | PART | | | | |) <u>A</u> | |
| HIR | | OSE ELECTRIC CO., LTD. COL | | | | E NO. | | | | | 1/1 |