| APPLICA | BLE STAN | DARD | | | | | | | | |
|--|--------------------------------|--|--|-----------|----------|--|--|---------------------|----------------------|--------------|
| OPERATING TEMPERATUR | | | FF 00 TO 10F 00 (NOTEC | | STORAGE | : TURE RANGE | | -10 °C TO 60 °C (NC | TES 2 | 2) |
| RATING | TEMPERATURE RANGE VOLTAGE | | 50 V AC | | TEMPERA | TURE RANGE | : | • | | - |
| 1011110 | CURRENT | | 0. 3 A | | | | + | | | |
| SPECIFICATIONS | | | | | | | | | | |
| | | | | | | | | | | |
| CONSTR | | | TEST METHOD | | | REQUIREMENTS | | | | AT |
| GENERAL EX | | VISUALLY | AND BY MEASURING INSTRU | IMENT | IACC | OPDING TO | DRA | WING | TV | Х |
| MARKING | | | CONFIRMED VISUALLY. | | | ACCORDING TO DRAWING. | | | X | X |
| | | | | | | | | | ^ | ^ |
| | | | CTERISTICS 20 mV AC OR LESS 1 kHz, 1 mA. | | | | | | ΙV | 1 |
| INSULATION RESISTANCE | | | 100 V DC | | | 50 mΩ MAX. 500 MΩ MAX | | | X | _ |
| VOLTAGE PROOF | | | 150 V AC FOR 1 min. | | | NO FLASHOVER OR BREAKDOWN. | | | | _ |
| | | | | | | NO FLASHOVER OR BREAKDOWN. | | | | _ |
| | ODERATION | | | | | ONTA OT DE | -0.07 | -ANOE 50 0 MAY | Х | |
| MECHANICAL OPERATION | | 50 TIME | 50 TIMES INSERTIONS AND WITHDRAWALS. | | | (1) CONTACT RESISTANCE: 50 m Ω MAX. (2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS. | | | | _ |
| VIBRATION | | FREQUE | FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE | | | ① NO ELECTRICAL DISCONTINUITY OF 1 μs. | | | | |
| | | 0.75 mm | 0.75 mm, AT 2 h, FOR 3 DIRECTIONS. | | | ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS. | | | | |
| SHOCK | | | 490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES | | | ① NO ELECTRICAL DISCONTINUITY OF 1 μs. | | | | _ |
| | | | FOR 3 DIRECTIONS. | | | | ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS. | | | |
| | | | TERISTICS | .45 TO 5= | | ONITA OT SEE | 10 T * * · | OF: 50 = 0 MAY | 1 | |
| RAPID CHANGE OF TEMPERATURE | | TIME | TEMPERATURE -65 \rightarrow 15 TO 35 \rightarrow 125 \rightarrow 15 TO 35 °C TIME 30 \rightarrow 2 TO 3 \rightarrow 30 \rightarrow 2 TO 3 min | | | ① CONTACT RESISTANCE: 50 mΩ MAX. ② INSULATION RESISTANCE: 500 MΩ MIN. | | | X | _ |
| | | UNDER 5 | UNDER 5 CYCLES. | | | | ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS. | | | |
| DAMP HEAT | | EXPOSE | EXPOSED AT 40 ± 2 °C, 90 TO 95 %, 96 h. | | | ① CONTACT RESISTANCE: 50 m Ω MAX. ② INSULATION RESISTANCE: 500 M Ω MIN. | | | | - |
| (STEADY STATE) | | | | | | ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS. | | | | |
| SULPHUR DIOXIDE | | | EXPOSED IN 25 PPM RH 75 % FOR 96 h. | | | ① CONTACT RESISTANCE: $50 \text{ m}\Omega$ MAX. | | | | _ |
| HEAT RESISTANCE OF | | , | (TEST STANDARD:JEIDA-38) 【RECOMMENDED TEMPERATURE PROFILE】 | | | ② NO HEAVY CORROSION. NO DEFORMATION OF CASE OF EXCESSIVE | | | X | |
| SOLDERING | | 《SOLDE MAX25 《PREHE 150 TC MAXIM SAME 【RECOM | *··· | | | SENESS OF T | HE TE | RMINALS. | | |
| | | | | | | | | | | |
| NOTES2:STC APPLY OPER | RAGEIS DEFI ATION TEMPI | NED AS LON ERATURE RA | RE RISE BY CURRENT. G-TERM STORAGE OF UNUSE NGE TO PRODUCTS MOUNTE ER TO JIS C 5402. | | | OWER SUPLL | Y. | | | |
| COUN | COUNT DESCRIPTION OF REVISIONS | | | | DESIGNED | IED CHECKED | | | DA | TE |
| ⚠ | \triangle | | | | | | | | | |
| | | | | | | APPROV | ED | WR. FUKUCHI | 2020 | 0716 |
| | | | | | | CHECKE | D | TS.MIYAZAKI | 20200716 20200716 | |
| | | | | | | DESIGNE | ĒD | KT. KUSAKA | | |
| | | | | | | DRAWN | | RN. IIDA | 20200715 | |
| Note QT:Qualification Test AT:Assurance Test X:Appli | | | surance Test X:Applicable T | e Test D | | ING NO. | | ELC-389278-5 | 1-01 | 1 |
| | | SPECIFICATION SHEET PAR | | | PART NO | NO. DF12NB(3.0)-30DP-0.5V(| | | (51) | |
| | HIROSE ELECTRIC CO., LTD. CODE | | | | CODE NO | ENO. CL537-0389-0-51 | | | | 1/1 |