



















**THE DATASHEET OF
DF11-20DEP-2C**



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| APPLICABLE STANDARD | | | | | | |
|---|--|--|---|---|--|------------|
| RATING | OPERATING TEMPERATURE RANGE | -40°C TO + 85°C (NOTE 1)  | | STORAGE TEMPERATURE RANGE | -10°C TO + 60°C | |
| | OPERATING HUMIDITY RANGE | 40% TO 80% (NOTE2)  | | STORAGE HUMIDITY RANGE | 40% TO 70% (NOTE3)  | |
| | VOLTAGE | 250V AC | UL·CSA RATING  | 30V AC | APPLICABLE CONTACT  | |
| | CURRENT | 2 A | | 2 A | APPLICABLE CABLE  | |
| | APPLICABLE CONNECTOR  | DF11-*DS-2C | | | DF11-EP2428PC (F) DF11-EP2428PC (F) A UL1061, 1007 AWG24 TO 28 | |
| SPECIFICATIONS | | | | | | |
| ITEM | TEST METHOD | | | REQUIREMENTS | QT | AT |
| CONSTRUCTION | | | | | | |
| GENERAL EXAMINATION | VISUALLY AND BY MEASURING INSTRUMENT. | | | ACCORDING TO DRAWING. | X | X |
| MARKING | CONFIRMED VISUALLY. | | | | X | X |
| ELECTRIC CHARACTERISTICS | | | | | | |
| INSULATION RESISTANCE | 500 V DC. | | | 1000 MΩ MIN. | X | - |
| VOLTAGE PROOF | 650 V AC FOR 1 min. | | | NO FLASHOVER OR BREAKDOWN. | X | - |
| MECHANICAL CHARACTERISTICS | | | | | | |
| MECHANICAL OPERATION  | 30 TIMES INSERTIONS AND EXTRACTIONS. | | | NO DAMAGE, CRACK OR LOOSENESS OF PARTS. | X | - |
| VIBRATION  | FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 2 h, FOR 3 DIRECTIONS. | | | NO DAMAGE, CRACK OR LOOSENESS OF PARTS. | X | - |
| SHOCK  | 490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS. | | | NO DAMAGE, CRACK OR LOOSENESS OF PARTS. | X | - |
| ENVIRONMENTAL CHARACTERISTICS | | | | | | |
| RAPID CHANGE OF TEMPERATURE  | TEMPERATURE -55→ 5 TO 35→+85→ 5 TO 35 °C TIME 30→ 5 MAX → 30→ 5 MAX min UNDER 5 CYCLES. | | | ① INSULATION RESISTANCE: 1000MΩ MIN. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS. | X | - |
| DAMP HEAT (STEADY STATE) | EXPOSED AT 40 ± 2 °C, 90 TO 95 %, 96 h. | | | ① INSULATION RESISTANCE: 1000MΩ MIN. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS. | X | - |
| REMARKS NOTE 1: INCLUDING THE TEMPERATURE RISE BY CURRENT. NOTE 2:NO CONDENSING.  NOTE 3:APPLY TO THE CONDITION OF LONG TERM STORAGE FOR UNUSED PRODUCTS BEFORE PCB ON BOARD, AFTER PCB BOARD, OPERATING TEMPERATURE AND HUMIDITY RANGE IS APPLIED FOR INTERIM STORAGE DURING TRANSPORTATION.  | | | | | | |
| | COUNT | DESCRIPTION OF REVISIONS | DESIGNED | CHECKED | DATE | |
|  | 13 | DIS-H-008583 | MI. SAKIMURA | HK. UMEHARA | 14. 03. 25 | |
| REMARKS NOTE 1:INCLUDING THE TEMPERATURE RISE BY CURRENT. | | | | APPROVED | KJ. KATAYOSE | 05. 01. 05 |
| | | | | CHECKED | TY. OMA | 05. 01. 05 |
| | | | | DESIGNED | IO. DENPOUYA | 05. 01. 05 |
| Unless otherwise specifid , refer to IEC 60512. | | | | DRAWN | IO. DENPOUYA | 05. 01. 05 |
| Note QT:Qualification Test AT:Assurance Test X:Applicable Test | | | DRAWING NO. | ELC4-081880-01 | | |
|  | SPECIFICATION SHEET | | PART NO. | DF11-*DEP-2C | | |
| | HIROSE ELECTRIC CO., LTD. | | CODE NO. | CL543 |  | 1/1 |

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