| | COUNT | DESCRIPTION OF REVISIONS | BY | CHKD | DATE | | COUNT | DESCRIPTION OF REVISIONS | BY | CHKD | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|
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APPLICABLE STANDARD

| | | | | |
|---|---|---|---|---|
| RATING | OPERATING TEMPERATURE RANGE | -35 °C TO 85 °C(NOTE 1) | STORAGE TEMPERATURE RANGE | -10°C TO 60 °C |
| | VOLTAGE | 250 V AC | APPLICABLE CONNECTORS | DF1B-＊DS-2.5R |
| | CURRENT | 3 A | | |

# SPECIFICATIONS

| ITEM | TEST METHOD | REQUIREMENTS | QT | AT |
|---|---|---|---|---|
| **CONSTRUCTION** | | | | |
| GENERAL EXAMINATION | VISUALLY AND BY MEASURING INSTRUMENT. | ACCORDING TO DRAWING. | × | × |
| MARKING | CONFIRMED VISUALLY. | | × | × |
| **ELECTRIC CHARACTERISTICS** | | | | |
| INSULATION RESISTANCE | 500 V DC. | 1000 MΩ MIN. | × | — |
| VOLTAGE PROOF | 650 V AC FOR 1 min. | NO FLASH OVER OR BREAKDOWN. | × | — |
| **MECHANICAL CHARACTERISTICS** | | | | |
| VIBRATION | FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75mm, — $m/s^2$ AT 2 h, FOR 3 DIRECTIONS. | ①NO DAMAGE, CRACK AND LOOSENESS, OF PARTS. | × | — |
| SHOCK | 490 $m/s^2$ DIRECTIONS OF PULSE 11 ms AT 3 TIME FOR 3 DIRECTION. | | × | — |
| **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.<br>② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS. | × | — |
| DAMP HEAT (STEADY STATE) | EXPOSED AT 40±2 °C, 90 TO 95 %, 96 h. | ① INSULATION RESISTANCE: 500 MΩ MIN<br>② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.. | × | — |

REMARKS
NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT

Unless otherwise specified, refer to MIL-STD-1344.

| DRAWN | DESIGNED | CHECKED | APPROVED | RELEASED |
|---|---|---|---|---|
| M.Kuramoshi '03.07.16 | T.Kumagai '03.07.17 | T.Miyazaki '03.07.17 | T.Miyazaki '03.07.17 | |

Note QT: Qualification Test AT: Assurance Test ×:Applicable Test

| | | |
|---|---|---|
| HRS HIROSE ELECTRIC CO., LTD. | SPECIFICATION SHEET | PART NO. DF1BA-＊DEP-2.5RC |

| CODE NO.(OLD) | DRAWING NO. | PEART NO | |
|---|---|---|---|
| CL | ELC4—160043-01 | CL541 | 1/1 |

FORM No.231-1

| TO |
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