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 In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

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| 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. | | | ① NO 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. 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 ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.. | | | × | — |
| | | | | | | | | | |
| REMARKS NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT | | | | | DRAWN | DESIGNED | CHECKED | APPROVED | RELEASED |
| Unless otherwise specified, refer to MIL-STD-1344. | | | | | M. Kuramashi 03.07.16 | T. Kumagata 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) CL | | DRAWING NO. ELC4-160043-01 | | | PEART NO CL541 | | | 1/1 | |

