| | △COUNT | REVISIONS | BY | CHKD | DATE | | △COUNT | REVISIONS | BY | CHKD | DATE |
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|---|---|---|---|---|---|
| APPLICABLE STANDARD | | | | | |
| RATING | VOLTAGE | CONTACT No. / ~ | AC 250 V / DC V | APPLICABLE CABLES | - |
| | CURRENT | CONTACT No. / ~ | 3 A | IMPEDANCE FREQUENCY RANGE | Ω ( 0 ~ Hz ) |
| | POWER | | | OPERATING TEMPERATURE RANGE | -35 ℃ ~ +85℃ (Notes1) |
| | SPECIALTY | | | | |

# SPECIFICATIONS

| No. | ITEM | CONDITIONS | TEST STANDARD | MIN | MAX | UNITS | QT. | AT |
|---|---|---|---|---|---|---|---|---|
| 1 | DESIGN·MATERIAL·FINISH | Applicable Std. and ADC4 ~~DC~~ -80519-01 | | — | — | — | ○ | ○ |
| 2 | MARKING | | | — | — | — | ○ | ○ |
| 3 | INSULATION RESISTANCE | Must be over standard value at DC V. | | | — | MΩ | | |
| 4 | CONTACT RESISTANCE UNIT CONTACT | The voltage drop must be under the Std. value at DC 0.1 A. | MIL-STD-1344 | — | 30 | mΩ | ○ | |
| | CONTACT | The voltage drop must be under the Std. value at DC A. | | — | | mΩ | | |
| 5 | DIELECTRIC WITHSTANDING VOLTAGE | Must withstand AC / DC . V for one minute. | | — | — | — | | |
| 6 | LOW LEVEL CIRCUIT | The Contact Resistance must be under the Std. value at DC20mV less and mA. | | — | | mΩ | | |
| 7 | DRY CIRCUIT | Must have conductivity in alternate current at DC μV. | | — | — | — | | |
| 8 | CONTACT ENGAGEMENT AND SEPARATION FORCES | Must be suitable for the Std. value at applicable gauge. (gauge size) | | — | | N | | |
| | MATING AND UNMATING FORCES | Must be suitable for the Std. value. | | | | N | | |
| 9 | HUMIDITY | Insulation resistance must be over the Std. value at ℃ ~ %, hours. — at high humidity | | | — | MΩ | | — |
| | | after high humidity | | | — | MΩ | | — |
| 10 | VIBRATION | Must have no damage, crack and looseness of parts at Frequency range ~ Hz, Total amplitude mm, G at hours for directions. | | — | — | — | | — |
| 11 | SHOCK | Must have no damage, crack and looseness of parts after cycles at . G in directions. | | — | — | — | | — |
| 12 | TEMPERATURE CYCLING | Must have no damage, crack and looseness of parts for ~ ℃ cycles. | | — | — | — | | — |
| 13 | DURABILITY UNIT CONTACT | Must be less than the Std. value after 30 insertion and extraction cycles at the condition described in above item No.4. | MIL-STD-1344 | — | 30 | mΩ | ○ | — |
| | CONTACT | | | — | | mΩ | | — |
| 14 | SALT SPRAY (CORROSION). | Must not have heavy corrosion after % salt water spray for hours. | | — | — | — | | — |
| 15 | $H_2S$-EXPOSURE | Must not have heavy corrosion after ppm for hours. | | — | — | — | | — |
| 16 | $SO_2$-EXPOSURE | Must not have heavy corrosion after ppm for hours. | | — | — | — | | — |

Notes:1
This tempareture includes a rise by heat's generation of connector when electricity passes.

| REMARKS | | | | | ISSUED BY |
|---|---|---|---|---|---|
| | APPROVED | M. Yamamoto | 93.8.7 | HIROSE ELECTRIC CO., LTD. | |
| | REVIEWED | | . . | | |
| | CHECKED | T. Oma | 93.8.5 | | |
| | DESIGNED | T. Shiraishi | 93.8.5 | PART No. DF1B-24PR | |
| | DRAWN | T. Shiraishi | 93.8.5 | | |
| DRAWING No. SLC4-80519-01 | SPECIFICATION SHEET | | | CODE No. CL541-0667-5- | |

NOTE QT:Qualification Test AT:Assurance Test O:Applicable item FORM No.

| TO |
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