| △ | COUNT | REVISIONS | BY | CHKD | DATE | △ | COUNT | REVISIONS | BY | CHKD | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|
| △ | | | | | . . | △ | | | | | . . |
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APPLICABLE STANDARD

| RATING | | | | APPLICABLE CABLES | |
|---|---|---|---|---|---|
| | VOLTAGE | CONTACT No. 1 ~ 8 | AC 250 V / DC V | | |
| | CURRENT | CONTACT No. 1 ~ 8 | AWG #24 #26 #28 2 A | IMPEDANCE FREQUENCY RANGE | Ω (O~ Hz) |
| | POWER | | | OPERATING TEMPERATURE RANGE | -30 ℃~+85 (Notes1) |
| | SPECIALTY | | | | |

# SPECIFICATIONS

| No. | ITEM | CONDITIONS | TEST STANDARD | MIN | MAX | UNITS | QT | AT |
|---|---|---|---|---|---|---|---|---|
| 1 | DESIGN·MATERIAL·FINISH | Applicable Std. and ADC ~~DC~~ 3-20799. | | — | — | — | O | O |
| 2 | MARKING | | | — | — | — | ○ | ○ |
| 3 | INSULATION RESISTANCE | Must be over standard value at DC 500V. | MIL-STD-1344 | 1000 | — | MΩ | ○ | |
| 4 | CONTACT RESISTANCE CONTACT | The voltage drop must be under the Std. value at DC A. | | — | | mΩ | | |
| | CONTACT | The voltage drop must be under the Std. value at DC A. | | — | | mΩ | | |
| 5 | DIELECTRIC WITHSTANDING VOLTAGE | Must withstand AC ~~DC~~ 650 V for one minute. | MIL-STD-1344 | — | — | — | ○ | |
| 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 40±2℃ 90~95% 96 hours. (at high humidity) | | | — | MΩ | | — |
| | | (after high humidity) | MIL-STD-1344 | 1000 | — | 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 CONTACT | Must be less than the Std. value after insertion and extraction cycles at the condition described in above item No.4. | | — | | mΩ | | — |
| | CONTACT | | | — | | mΩ | | — |
| 14 | SALT SPRAY (CORROSION). | Must not have heavy corrosion after salt water spray for hours. | | — | — | — | | — |
| 15 | H2S-EXPOSURE | Must not have heavy corrosion after ppm for hours. | | — | — | — | | — |
| 16 | SO2-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 | 93.5.14 | |
| | REVIEWED | | . . | HRS HIROSE ELECTRIC CO., LTD. |
| | CHECKED | T. Oma | 93.5.14 | |
| | DESIGNED | C. Hanami | '93.5.14 | PART No. DF11-8DS-2C |
| | DRAWN | T. Shiraishi | '93.5.13 | |

| DRAWING No. | | CODE No. |
|---|---|---|
| SLC4-20799- | SPECIFICATION SHEET | CL543-0503-0- |

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

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

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