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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(NOTE1) | STORAGE TEMPERATURE RANGE | -10 °C TO +60 °C |
| | VOLTAGE | 500 V AC | APPLICABLE CONNECTOR | DF5A- * P-5DSA |
| | CURRENT | AWG18 8A | APPLICABLE CONTACT | DF5-1822SC(F) |
| | | AWG20 6A | | DF5A-1822SC(F) |
| | AWG22 5A | APPLICABLE CABLE | AWG18~AWG22 | |

SPECIFICATIONS

| ITEM | TEST METHOD | REQUIREMENTS | QT | AT |
|------|-------------|--------------|----|----|
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|---------------------|---------------------------------------|-----------------------|---|---|
| CONSTRUCTION | | | | |
| GENERAL EXAMINATION | VISUALLY AND BY MEASURING INSTRUMENT. | ACCORDING TO DRAWING. | × | × |
| MARKING | CONFIRMED VISUALLY. | | × | × |

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| ELECTRIC CHARACTERISTICS | | | | |
| CONTACT RESISTANCE | 100mA(DC OR 1000 Hz). | 30mΩ MAX. | × | — |
| INSULATION RESISTANCE | 500 V DC. | 1000 MΩ MIN. | × | — |
| VOLTAGE PROOF | 1500 V AC FOR 1 min. | NO FLASHOVER OR BREAKDOWN. | × | — |

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| MECHANICAL CHARACTERISTICS | | | | |
| MECHANICAL OPERATION | 30 TIMES INSERTIONS AND EXTRACTIONS. | ①CONTACT RESISTANCE: 30 mΩ MAX. ②NO DAMAGE, CRACK OR LOOSENESS OF PARTS. | × | — |
| VIBRATION | FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, - m/s ² AT 2h, FOR 3 DIRECTIONS. | ①NO ELECTRICAL DISCONTINUITY OF 10μs. | × | — |
| SHOCK | 490 m/s ² DURATION OF PULSE 11ms AT 3 TIMES FOR 3 DIRECTIONS. | ②CONTACT RESISTANCE: 30mΩ MAX. ③NO DAMAGE, CRACK OR LOOSENESS OF PARTS. | × | — |

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| ENVIRONMENTAL CHARACTERISTICS | | | | |
| RAPID CHANGE OF TEMPERATURE | TEMPERATURE -55 →5~35→ 85 →5~35 °C TIME 30 →5 → 30 → 5 min UNDER 5 CYCLES. | ①CONTACT RESISTANCE: 30 mΩ MAX. ②INSULATION RESISTANCE:1000 MΩ MIN. ③NO DAMAGE, CRACK OR LOOSENESS OF PARTS. | × | — |
| DAMP HEAT (STEADY STATE) | EXPOSED AT 40 ± 2 °C, 90 ~ 95 %, 96 h. | ①CONTACT RESISTANCE: 30 mΩ MAX. ②INSULATION RESISTANCE: 500 MΩ MIN. ③NO DAMAGE, CRACK OR LOOSENESS OF PARTS. | × | — |

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| REMARKS | NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT. | DRAWN | DESIGNED | CHECKED | APPROVED | RELEASED |
| | | I.DENPOUYA | I.DENPOUYA | H. Umehara | K. Katayama | |
| | | '01.11.27 | '01.11.27 | '01.11.27 | '01.11.30 | |

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| Note QT:Qualification Test AT:Assurance Test ×:Applicable Test | | | |
| HRS HIROSE ELECTRIC CO., LTD. | SPECIFICATION SHEET | PART NO. DF5A- * S - 5 C | |
| CODE NO.(OLD) CL | DRAWING NO. ELC4-160243 | PART NO. CL676 | 1/1 |

TO

