

| APPLICABLE STANDARD | | | | |
|---------------------|-----------------------------|--------------------------|---------------------------|---------------------------------|
| RATING | OPERATING TEMPERATURE RANGE | -35 °C TO +105°C (NOTE1) | STORAGE TEMPERATURE RANGE | -10 °C TO +60°C (NOTE3) |
| | OPERATING HUMIDITY RANGE | 20% TO 80% (NOTE2) | STORAGE HUMIDITY RANGE | 40% TO 70% (NOTE3) |
| | VOLTAGE | 50 V AC/DC | APPLICABLE CONNECTOR | DF65-4P-1.7V(##) |
| | CURRENT | AWG24 : 4.0A | INSULATION DIAMETER | AWG24 TO 28: ϕ 0.7~1.15 mm |
| | | | APPLICABLE CONTACT | DF65-2428SCF |

SPECIFICATIONS

| ITEM | TEST METHOD | REQUIREMENTS | QT | AT |
|------|-------------|--------------|----|----|
|------|-------------|--------------|----|----|

CONSTRUCTION

| | | | | |
|---------------------|---------------------------------------|-----------------------|---|---|
| GENERAL EXAMINATION | VISUALLY AND BY MEASURING INSTRUMENT. | ACCORDING TO DRAWING. | X | X |
| MARKING | CONFIRMED VISUALLY. | | X | X |

ELECTRIC CHARACTERISTICS

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|-----------------------|---------------------|----------------------------|---|---|
| INSULATION RESISTANCE | 100 V DC. | 100 M Ω MIN. | X | — |
| VOLTAGE PROOF | 500 V AC FOR 1 min. | NO FLASHOVER OR BREAKDOWN. | X | — |

MECHANICAL CHARACTERISTICS

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|----------------------|--|---|---|---|
| MECHANICAL OPERATION | 30 TIMES INSERTION AND EXTRACTION. | NO DAMAGE, CRACK OR LOOSENESS OF PARTS. | X | — |
| VIBRATION | FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 10 CYCLES FOR 3 DIRECTION. | NO DAMAGE, CRACK OR LOOSENESS OF PARTS. | X | — |
| SHOCK | 490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS. | | X | — |

ENVIRONMENTAL CHARACTERISTICS

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|-----------------------------|--|---|---|---|
| DAMP HEAT(STEADY STATE) | EXPOSED AT 40 \pm 2°C , 90 TO 95 %, 96 h. (AFTER LEAVING THE ROOM TEMPERATURE FOR 1~2h.) | ① INSULATION RESISTANCE: 100 M Ω MIN. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS. | X | — |
| RAPID CHANGE OF TEMPERATURE | TEMPERATURE -55°C \rightarrow +85°C TIME 30min \rightarrow 30min UNDER 5 CYCLES. (THE TRANSFERRING TIME OF THE TANK IS 2~3 min) (AFTER LEAVING THE ROOM TEMPERATURE FOR 1~2h.) | ① INSULATION RESISTANCE: 100 M Ω MIN. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS. | X | — |
| | | | | |

NOTE 1: INCLUDE THE TEMPERATURE RISING BY CURRENT.

NOTE2:NO CONDENSING

NOTE3:APPLY TO THE CONDITION OF LONG TERM STORAGE FOR UNUSED PRODUCTS BEFOR PCB ON BOARD, AFTER PCB BOARD, OPERATING TEMPERATURE AND HUMIDITY RANGE IS APPLIED FOR INTERIM STRAGE DURING TRANSPORTATION.

| COUNT | DESCRIPTION OF REVISIONS | DESIGNED | CHECKED | DATE |
|-------|--------------------------|----------|---------|------|
| 0 | | | | |

| | | | |
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| REMARKS | APPROVED | KI. AKIYAMA | 14.01.15 |
| | CHECKED | OM. MIYAMOTO | 14.01.15 |
| | DESIGNED | TT. OHSAKO | 14.01.14 |
| | DRAWN | TT. OHSAKO | 14.01.14 |

Unless otherwise specified, refer to JIS C 5402.

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| Note QT:Qualification Test AT:Assurance Test X:Applicable Test | DRAWING NO. | ELC4-351455-00 |
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| HRS | SPECIFICATION SHEET | PART NO. | DF65-4S-1.7C |
| | HIROSE ELECTRIC CO., LTD. | CODE NO. | CL666-6007-3-00 |
| | | | 1/1 |