



| APPLICABLE STANDARD   |                                       |   |                           |                      |   |
|---|---------------------------------------|---|---------------------------|----------------------|---|
| RATING  | OPERATING TEMPERATURE RANGE           | -35°C TO 85°C (NOTES 1)   | STORAGE TEMPERATURE RANGE | -10°C TO 60°C        |   |
|   | VOLTAGE                               | 30V AC  | APPLICABLE CONNECTOR      | DF40*-*DP-0.4V       |   |
|   | CURRENT                               | 0.3A  |                           |                      |   |
| 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  |                                       |   |                           |                      |   |
| CONTACT RESISTANCE  | 20mV AC OR LESS 1kHz, 1m A .          | 180mΩ MAX.  | X                         | -                    |   |
| INSULATION RESISTANCE   | 100V DC.                              | 50MΩ MIN.   | X                         | -                    |   |
| VOLTAGE PROOF   | 100V AC FOR 1 min.                    | NO FLASHOVER OR BREAKDOWN.  | X                         | -                    |   |
| MECHANICAL CHARACTERISTICS  |                                       |   |                           |                      |   |
| MECHANICAL OPERATION  | 3000TIMES INSERTIONS AND EXTRACTIONS. | ① CONTACT RESISTANCE: 180mΩ MAX.<br>② NO DAMAGE, CRACK OR LOOSENESS OF PARTS. | X                         | -                    |   |
|   |                                       |   |                           |                      |   |
|   | COUNT                                 | DESCRIPTION OF REVISIONS  | DESIGNED                  | CHECKED              | DATE  |
|  |                                       |   |                           |                      |   |
| REMARKS   |                                       |   | APPROVED                  | KH. IKEDA            | 08.04.28  |
| NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT                                    |                                       |   | CHECKED                   | TS. MIYAZAKI         | 08.04.28  |
| Unless otherwise specified, refer to JIS C 5402.                                    |                                       |   | DESIGNED                  | TK. SUZUKI           | 08.04.25  |
|   |                                       |   | DRAWN                     | TK. SUZUKI           | 08.04.25  |
| Note QT:Qualification Test AT:Assurance Test X:Applicable Test                      |                                       |   | DRAWING NO.               | ELC4-315629-02       |   |
|  | SPECIFICATION SHEET                   |   | PART NO.                  | DF40JC-*DS-0.4V (53) |   |
|   | HIROSE ELECTRIC CO., LTD.             |   | CODE NO.                  | CL684                |  1/1 |