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

|                                                                                                                                                                                                                                                                                  |                             |                                       |                           |                              |                |            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|---------------------------------------|---------------------------|------------------------------|----------------|------------|
| APPLICABLE STANDARD                                                                                                                                                                                                                                                              |                             |                                       |                           |                              |                |            |
| RATING                                                                                                                                                                                                                                                                           | OPERATING TEMPERATURE RANGE | -35°C TO +85°C(NOTES 1)               | STORAGE TEMPERATURE RANGE | -10°C TO +60°C(NOTES 3)      |                |            |
|                                                                                                                                                                                                                                                                                  | OPERATING HUMIDITY RANGE    | 20% TO 80%(NOTES 2)                   | STORAGE HUMIDITY RANGE    | 40% TO 70%(NOTES 2)(NOTES 3) |                |            |
|                                                                                                                                                                                                                                                                                  | VOLTAGE                     |                                       | APPLICABLE CONNECTOR      | DF81※-30S-0.4H(##)           |                |            |
|                                                                                                                                                                                                                                                                                  | CURRENT                     |                                       | APPLICABLE CABLE          |                              |                |            |
| 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          |
|                                                                                                                                                                                                                                                                                  |                             |                                       |                           |                              |                |            |
|                                                                                                                                                                                                                                                                                  | COUNT                       | DESCRIPTION OF REVISIONS              | DESIGNED                  | CHECKED                      | DATE           |            |
| △                                                                                                                                                                                                                                                                                |                             |                                       |                           |                              |                |            |
| REMARKS                                                                                                                                                                                                                                                                          |                             |                                       | APPROVED                  | TS. SAKATA                   | 12. 11. 12     |            |
| NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT                                                                                                                                                                                                                                 |                             |                                       |                           | CHECKED                      | HS. OZAWA      | 12. 11. 12 |
| NOTE2: NON CONDENSING                                                                                                                                                                                                                                                            |                             |                                       |                           | DESIGNED                     | TP. MATSUMOTO  | 12. 11. 09 |
| NOTE3: THE TERM "STORAGE" REFERS TO PRODUCTS STORED FOR A LONG PERIOD PRIOR TO MOUNTING AND USE. THE OPERATING TEMPERATURE AND HUMIDITY RANGE COVERS THE NON-CONDUCTING CONDITION OF CONNECTORS AFTER BOARD MOUNTING AND THE TEMPORARY STORAGE CONDITIONS OF TRANSPORTATION, etc |                             |                                       |                           | DRAWN                        | TP. MATSUMOTO  | 12. 11. 09 |
| Unless otherwise specified, refer to JIS C 5402,IEC60512.                                                                                                                                                                                                                        |                             |                                       |                           |                              |                |            |
| Note QT:Qualification Test AT:Assurance Test X:Applicable Test                                                                                                                                                                                                                   |                             |                                       | DRAWING NO.               |                              | ELC4-340821-01 |            |
| HRS                                                                                                                                                                                                                                                                              | SPECIFICATION SHEET         |                                       | PART NO.                  | DF81-30P-LCH                 |                |            |
|                                                                                                                                                                                                                                                                                  | HIROSE ELECTRIC CO., LTD.   |                                       | CODE NO.                  | CL662-8107-3-00              | △              | 1/1        |