





**THE DATASHEET OF
DF62W-2EP-2.2C**



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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 | -40 °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) |
| | Applicable connector | DF62W-2S-2.2C(##) | Voltage | AC/DC 250V |
| | Applicable contact  | DF62W-EP2022PC* DF62W-EP2226PC* | Current  | AWG20 : 5A/pin AWG22 : 4A/pin AWG24 : 3.5A/pin AWG26 : 3A/pin |


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 | | | | |
| Insulation resistance | 500 V DC. | 1000 MΩ MIN. | X | - |
| Voltage proof | 650 V AC for 1 min. | No flashover or breakdown. | X | - |
| Mechanical characteristics | | | | |
| 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. | | X | - |
| Shock | 490 m/s ² duration of pulse 11 ms at 3 times each for 3 both axial directions. | | X | - |
| Environmental characteristics | | | | |
| Damp heat (Steady state) | Exposed at 40 ± 2°C , 90 to 95 %, 96 h. (After leaving the room temperature for 1-2h.) | 1)Insulation resistance: 1000 MΩ Min. 2)No damage, crack or looseness of parts. | X | - |
| Rapid change of temperature | Temperature -55°C→ +85°C Time 30min→ 30min Under 5 cycles. (The transferring time of the tank is 2-3 min) (After leaving the room temperature for 1-2h.) | | X | - |

Note 1: Include the temperature rising by current.

Note 2: No condensing.



Note 3: Apply to the packaged and unused product. 

| Count | Description of revisions | Designed | Checked | Date |
|---|--------------------------|----------|----------|-------------------------|
|  3 | DIS-H-00015658 | HT. SATO | SZ. ONO | 20221014 |
| Remarks Unless otherwise specified, refer to IEC 60512. | | | Approved | KI. AKIYAMA 20131115 |
| | | | Checked | MN. KENJO 20131114 |
| | | | Designed | TO. HORII 20131114 |
| | | | Drawn | TO. HORII 20131114 |

Note QT:Qualification Test AT:Assurance Test X:Applicable Test

Drawing No.

ELC-353518-00-00

| | | | | |
|---|---------------------------|----------|------------------|---|
|  | Specification sheet | Part No. | DF62W-2EP-2. 2C | |
| | HIROSE ELECTRIC CO., LTD. | Code No. | CL0544-1003-0-00 |  1/1 |

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