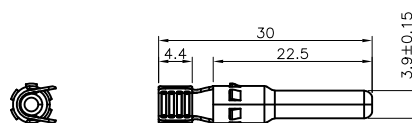
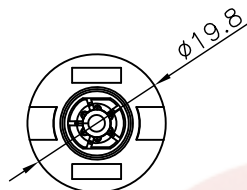
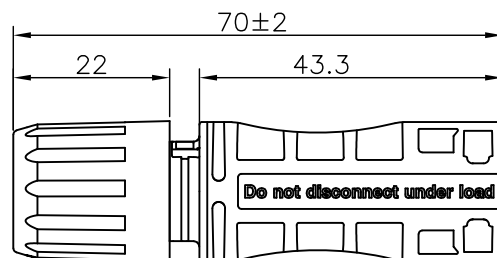
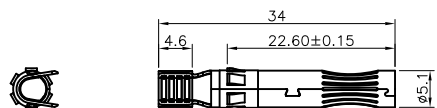
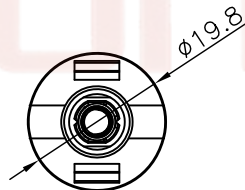
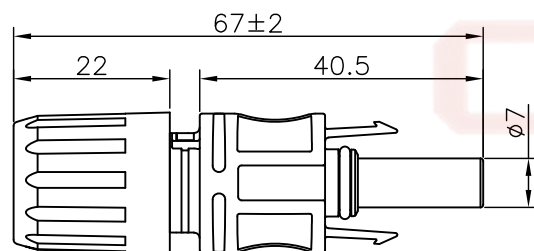


Male



Male Contact

Female



Female Contact (with crown spring)

| REV. | DESCRIPTION | DRAWN         | CHECKED                                                                           | APPROVED |
|------|-------------|---------------|-----------------------------------------------------------------------------------|----------|
| A    | NEW RELEASE | WPY 10/09/26' |  |          |
|      |             |               |                                                                                   |          |
|      |             |               |                                                                                   |          |
|      |             |               |                                                                                   |          |

**Specifications:**

1. Contact Resistance: 0.5mΩ Max.
2. Insulation Resistance: 1000MΩ Min.
3. Dielectric Withstanding Voltage: 2000V AC(rms)  
For 1 Minute.
4. Current Rating: 30A.
5. Voltage Rating: 1000V DC rms.
6. Temperature: -40°C~+85°C.
7. Cable size: 2.5~6mm².
8. Waterproof rated: IP67.

**Materials:**

1. Insulating material: Thermoplastic,UL94 V-0.
2. Contact: Red Copper,Tin plated T=0.4mm.
- 3.Crown spring: Phosphorus copper tin plating
- 4.Stop-off ring: SUS301
5. Sealing: Silicone rubber,Red.

Product Number Code:

DS1185-13 - X X X X X X

— Current Type  
A:30A

- Packing Type

- 1: Mix packing(Female+Male/Bag)  
2: Separation packing(Female/Bag or Male/Bag)  
Q:  $N \times \text{Female/Bag} + N \times \text{Male/Bag} + N \times \text{Male Contact/Bag}$   
 $+ \text{Female Contact/Bag}$

— Housing color  
B: Black

- Contact plating

— Mounting type  
C: Locking type

— Connector type  
F: Female M: Male  
A: Female+Male



(Series Image-Reference Only)

|                   |       |                     |              |                                                                                                                                                    |                                                                                       |        |                               |  |
|-------------------|-------|---------------------|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------|-------------------------------|--|
| GENERAL TOLERANCE |       | ANGLE TOLERANCE     |              | PROJECTION                                                                                                                                         |  | TITLE  | Solar Connectors Wire to Wire |  |
| X.                | ±0.60 | X.                  | ±5°          | UNITS                                                                                                                                              | mm                                                                                    |        | W/ Lock Type (1500V)          |  |
| .X                | ±0.38 | .X                  | ±3°          | SHEET SIZE                                                                                                                                         | A4                                                                                    | SERIES | DS1185-13 SERIES              |  |
| .XX               | ±0.25 | .XX                 | ±2°          |  <b>晨翔电子有限公司</b><br><b>CONNFLY CONNFLY ELECTRONIC CO. LTD</b> |                                                                                       |        |                               |  |
| DRAWING TYPE      |       | CUSTOMER            |              |                                                                                                                                                    |                                                                                       |        |                               |  |
| SCALE             |       | 1:1                 | SHEET 1 OF 1 |                                                                                                                                                    |                                                                                       |        |                               |  |
| DRAWING NO.       |       | C-DS1185-13-XXXXX-A |              |                                                                                                                                                    |                                                                                       |        |                               |  |