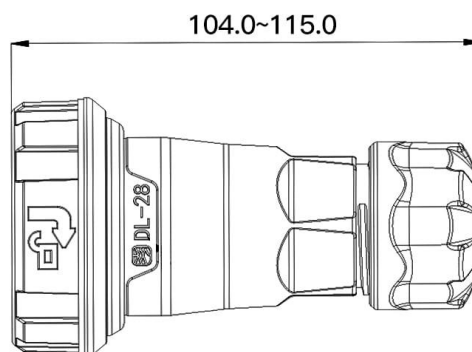
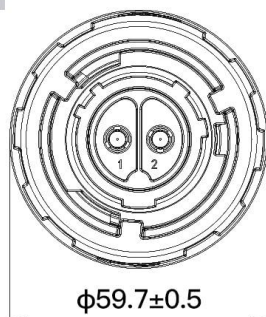




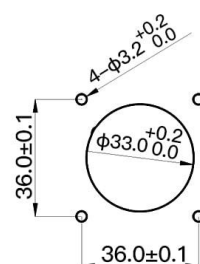
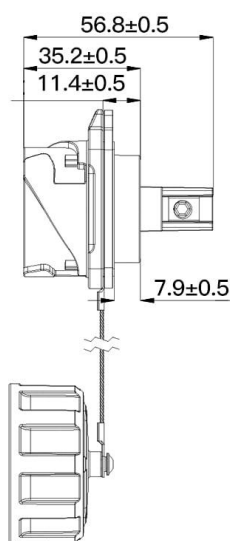
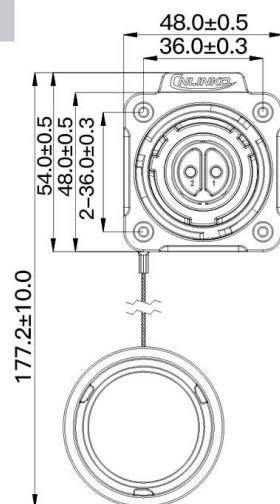
# Standard Size

unit:mm

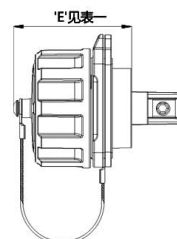
Plug



Socket



Mounting hole size  
Mounting screw size:M3



# Connector Specifications

|                           |                                                                                   |                                                                                   |                                                                                     |
|---------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Product Map (Male)        |  |  |  |
| Product Map (Female)      |  |  |  |
| Number of Pins            | 2Pin                                                                              | 3Pin                                                                              | 4Pin                                                                                |
| Rated Current             | 50A                                                                               | 50A                                                                               | 50A                                                                                 |
| Working Voltage           | 500V AC                                                                           | 500V AC                                                                           | 690V AC                                                                             |
| Withstanding Voltage      | 2000V AC                                                                          | 2000V AC                                                                          | 3000V AC                                                                            |
| Contact Resistance Max    | 1.0mΩ                                                                             | 1.0mΩ                                                                             | 1.0mΩ                                                                               |
| Insulation Resistance Min | 500MΩ                                                                             | 500MΩ                                                                             | 500MΩ                                                                               |
| Wire Gauge                | 10.0~16.0mm <sup>2</sup> /8 ~6AWG                                                 | 10.0~16.0mm <sup>2</sup> /8 ~6AWG                                                 | 10mm <sup>2</sup> /8 AWG                                                            |
| Contact Diameter x Number | φ4.0*2                                                                            | φ4.0*3                                                                            | φ4.0*4                                                                              |
| Cable O.D Range           | φ17.5-φ20.5mm                                                                     | φ17.5-φ20.5mm                                                                     | φ17.5-φ20.5mm                                                                       |
| Assembly Method           | Screw-Assembly                                                                    | Screw-Assembly                                                                    | Screw-Assembly/<br>Solder-Assembly                                                  |
| Protection Level          | IP68(mated,2m/48h)                                                                |                                                                                   |                                                                                     |
| Mechanical Life           | ≥2000 Times                                                                       |                                                                                   |                                                                                     |
| Operating Temperature     | -40°C~+120°C                                                                      |                                                                                   |                                                                                     |
| Salt Spray                | 72H                                                                               |                                                                                   |                                                                                     |
| Certifications            | TUV, UL,CE,RoHS                                                                   |                                                                                   |                                                                                     |