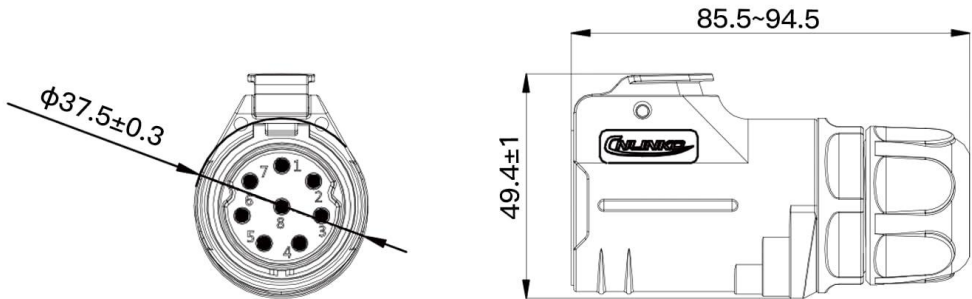




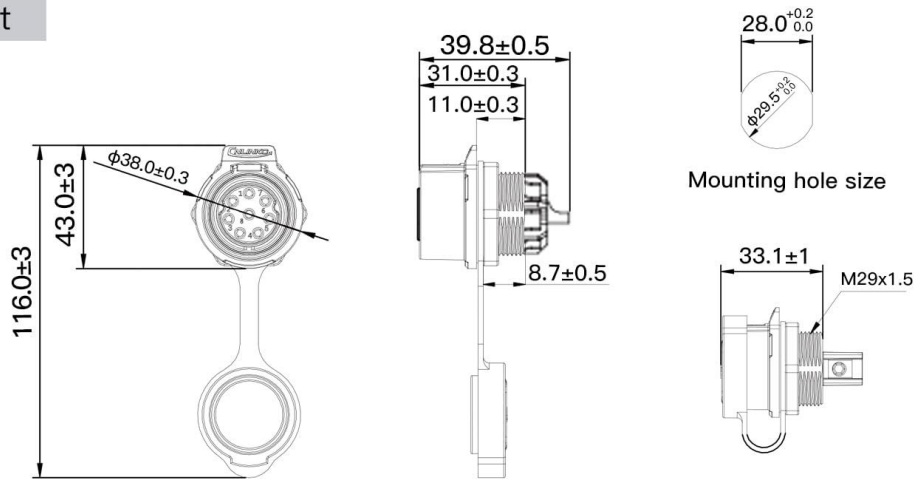
# Standard Size

Plug

Unit:mm



Socket



# Connector Specifications

|                           |                                                                                   |                                                                                   |                                                                                     |
|---------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Product Map (Male)        |  |  |  |
| Product Map (Female)      |  |  |  |
| Number of Pins            | 2pin                                                                              | 3pin                                                                              | 8pin                                                                                |
| Rated Current             | 50A                                                                               |                                                                                   | 15A                                                                                 |
| Working Voltage           | 500V                                                                              |                                                                                   | 300V                                                                                |
| Withstanding Voltage      | 2000V                                                                             |                                                                                   | 1500V                                                                               |
| Contact Resistance Max    | 1.0mΩ                                                                             |                                                                                   | 1.0mΩ                                                                               |
| Insulation Resistance Min | 500MΩ                                                                             |                                                                                   | 500MΩ                                                                               |
| Contact Diameter x Number | φ4.0*2                                                                            | φ4.0*3                                                                            | φ3.0*8                                                                              |
| Wire Gauge                | 10~16mm <sup>2</sup> /8~6AWG                                                      |                                                                                   | 2.5~4.0mm <sup>2</sup> /14~12AWG                                                    |
| Cable O.D Range           | φ17.5~φ20.5mm                                                                     |                                                                                   | φ10.0~φ15.0mm                                                                       |
| Connection Method         | Screwing                                                                          |                                                                                   | Soldering                                                                           |
| Protection Level          | IP68 (2m/48h)                                                                     |                                                                                   |                                                                                     |
| Mechanical Life           | Over 2000 Times                                                                   |                                                                                   |                                                                                     |
| Operating Temperature     | -40℃ ~120℃                                                                        |                                                                                   |                                                                                     |
| Salt Spray                | ≥48H                                                                              |                                                                                   |                                                                                     |
| Certifications            | TUV, UL,CE, RoHS                                                                  |                                                                                   |                                                                                     |