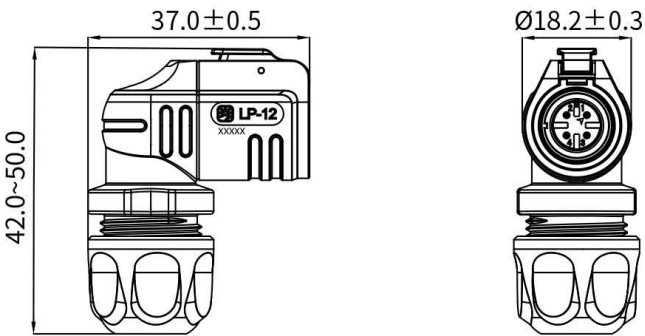




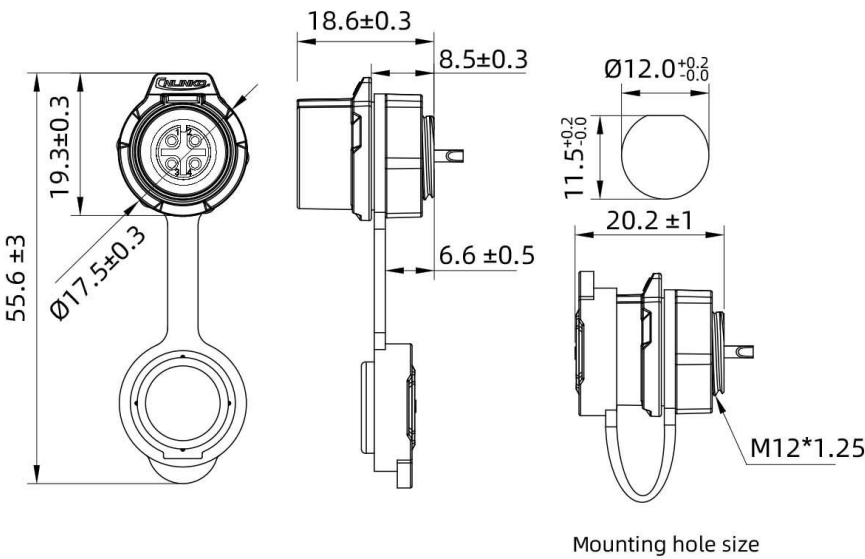
# Standard Size

unit:mm

Plug



Socket



## Connector Specifications

|                           |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |
|---------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Product Map (Male)        |  |  |  |  |  |  |  |
| Product Map (Female)      |  |  |  |  |  |  |  |
| Number of Pins            | 2Pin                                                                              | 3Pin                                                                              | 4Pin                                                                              | 5Pin                                                                              | 6Pin                                                                               | 7Pin                                                                                | 8Pin                                                                                |
| Rated Current             | 5A                                                                                |                                                                                   |                                                                                   |                                                                                   |                                                                                    | 3A                                                                                  |                                                                                     |
| Working Voltage           | 125V AC                                                                           |                                                                                   |                                                                                   |                                                                                   |                                                                                    | 100V AC                                                                             |                                                                                     |
| Withstanding Voltage      | 1500V AC                                                                          |                                                                                   |                                                                                   |                                                                                   |                                                                                    | 1000V AC                                                                            |                                                                                     |
| Contact Resistance Max    | 5mΩ                                                                               |                                                                                   |                                                                                   |                                                                                   |                                                                                    | 5mΩ                                                                                 |                                                                                     |
| Insulation Resistance Min | 500MΩ                                                                             |                                                                                   |                                                                                   |                                                                                   |                                                                                    | 500MΩ                                                                               |                                                                                     |
| Contact Diameter x Number | φ1.0*2                                                                            | φ1.0*3                                                                            | φ1.0*4                                                                            | φ1.0*5                                                                            | φ1.0*6                                                                             | φ0.8*7                                                                              | φ0.8*8                                                                              |
| Wire Gauge                | 0.34~0.5mm <sup>2</sup> /22~20AWG                                                 |                                                                                   |                                                                                   |                                                                                   |                                                                                    | 0.25~0.34mm <sup>2</sup> /24~22AWG                                                  |                                                                                     |
| Cable O.D Range           | φ5.0-φ7.0mm                                                                       |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |
| Connection Method         | Soldering                                                                         |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |
| Protection Level          | IP68 (2m/48h)                                                                     |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |
| Mechanical Life           | Over 2000 Times                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |
| Operating Temperature     | -40℃ ~ +120℃                                                                      |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |
| Salt Spray                | 72H                                                                               |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |
| Certifications            | TUV, CQC,CE, RoHS                                                                 |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |