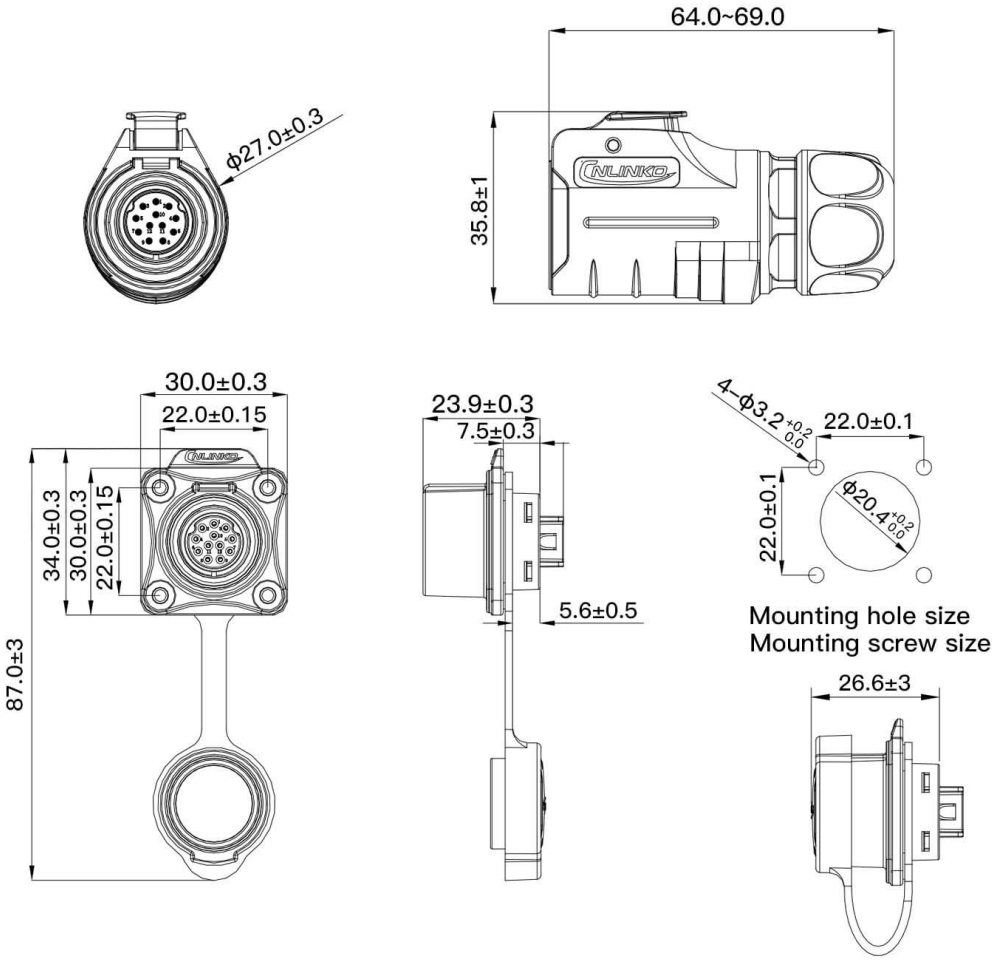


# Standard Size



# Connector Specifications

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Male Plug |  |  |  |  |  |  |  |  |
| Female Socket |  |  |  |  |  |  |  |  |
| Number of Pins | 2pin | 3pin | 4pin | 5pin | 7pin | 9pin | 12pin | 14pin |
| Rated Current | 20A | | | 10A | | 5A | | |
| Working Voltage | 500V AC | | | | | 250V AC | | |
| Withstanding Voltage | 2000V AC | | | | | 1500V AC | | |
| Contact Resistance Max | 1.0mΩ | | | 3.0mΩ | | 5mΩ | | |
| Insulation Resistance Min | 500MΩ | | | | | | | |
| Contact Diameter x Number | ϕ2.7*2 | ϕ2.7*3 | ϕ2.7*4 | ϕ1.8*5 | ϕ1.8*7 | ϕ1.0*9 | ϕ1.0*12 | ϕ1.0*14 |
| Wire Gauge | 2.5~4.0mm²/14~12AWG | | | 1.0~1.5mm2/18~16AWG | | 0.34~0.5mm²/22~20AWG | | |
| Cable O.D Range | Φ10.0–12.0mm | | | | | Φ5.0–Φ6.5mm | | Φ10.0–Φ12.0 mm |
| Connection Method | Soldering | | | | | | | |
| Protection Level | IP68 (mated,2m/48h) | | | | | | | |
| Mechanical Life | 2000 Times | | | | | | | |
| Operating Temperature | -40℃ ~ 120℃ | | | | | | | |
| Salt Spray | ≥48H | | | | | | | |
| Certifications | TUV, UL,CE, RoHS | | | | | | | |