

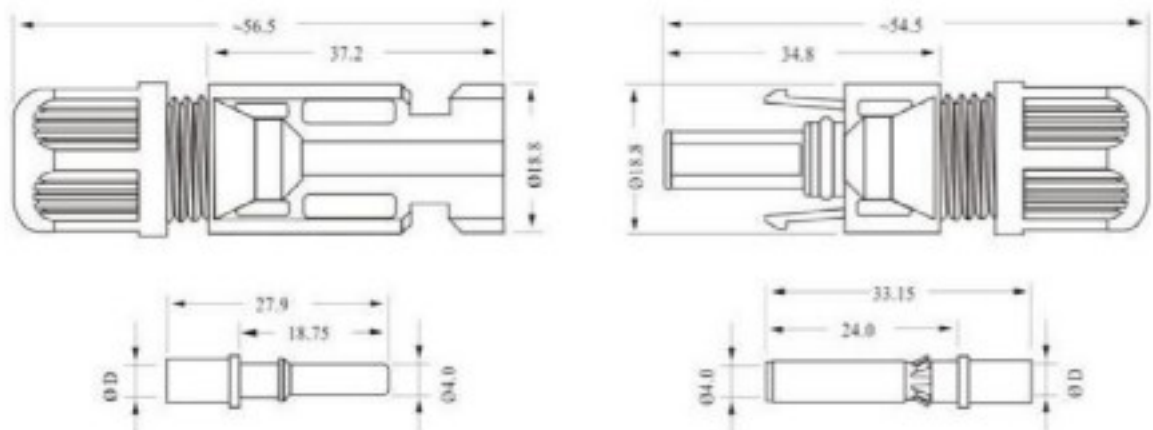
Solar MC4 Connector Specification

Technical data:

Insulation material: PPO
Rated current: 30A
Rated voltage: 1500V
Test voltage: 6KV(50Hz,1Min)
Contact resistance: 5mΩ
Protection degree: IP67
Safe class: II
Flame class: UL94-V0
Insertion force: ≤50N
Withdarawal force: ≥50N
Ambient temperature range: -40 °C~+90°C
Suitable cable: 2.5~6.0mm² AWG14/12/10
Pin dimensions: φ4.0mm



Construction:



Main feature:

1. Connector adopts touch and insertion of reed with inner-knob type.
2. Popular figure suit most of field installation.
3. Mating safety provided by keyed housings.
4. Mutiple plugging and unplugging cycles.
5. Accoomodates PV cable with deferent insulation diameters.
6. High current carrying capacity.
7. Water proof and dust proof.
8. Simple, quick installation.