

# MC4 connector 1000V

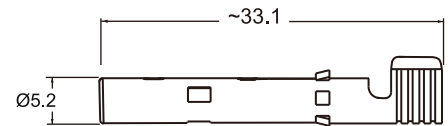
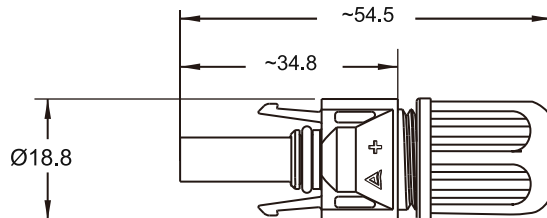
## Advantages

- TÜV certified to IEC 62852
- Accomodate PV cables with vary diameters
- High current carrying capacity
- Efficient snap in locking system for easy and safe install
- Reliable in harsh conditions
- IP67 water proof and dust proof
- Low transition resistance

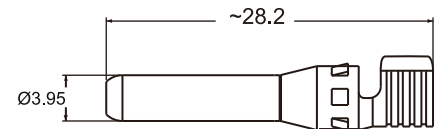
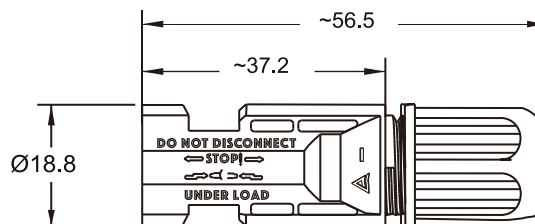


## Construction

### Male



### Female



## Technical data

Rated voltage	1000V DC	Operating Temp. Range	-40°C to 90°C
Rated current (per IEC 62852, 85°C)	17A ( 1.5mm <sup>2</sup> ) 22.5A ( 2.5mm <sup>2</sup> ) 30A ( 4.0mm <sup>2</sup> , 6.0mm <sup>2</sup> )	Overvoltage category /Pollution degree	CAT III/2
Test voltage	6kV(50Hz, 1min.)	Protection Degree	IP67
Contact maerial	Tin-plated Copper Alloy	Flame class	UL-94-V0
Contact resistance	≤0.3mΩ	Type of termination	Crimping
Insulation material	PPO	Contact system	Stamped
Locking system	Snap-in	Cable OD range	Ø4.5mm – 7.8mm

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