

Quality materials for photovoltaic connectors



Thick inner core plated
copper terminal



PPO resistance with high
temperature flame retardant material



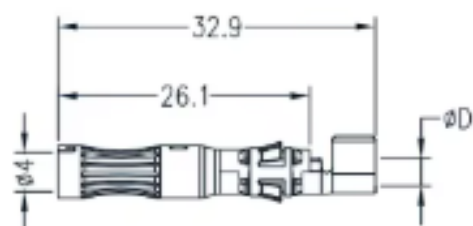
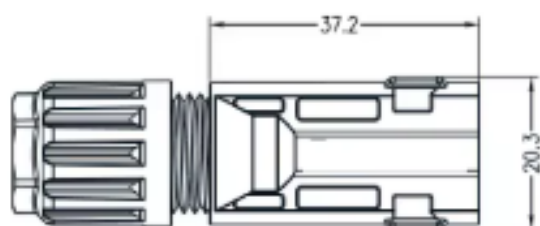
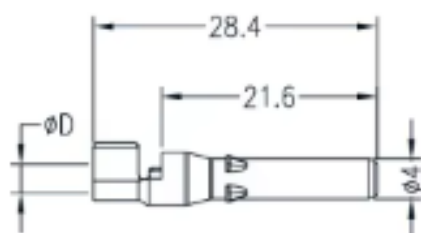
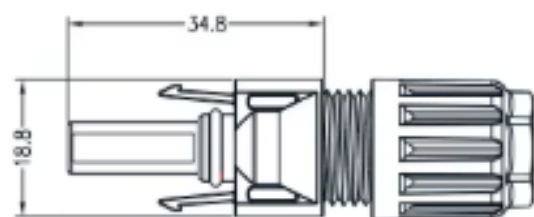
waterproof
silicone ring



more stabilizing
Self locking mechanism

Description:

- Simple on-site processing
- Mating safety provided by keyed housings
- Multiple plugging and unplugging cycles
- Accommodates PV cable with different insulation diameters
- High Voltage and High Current carrying capacity
- TUV and CE approved
- Competitive price
- IP68 waterproof protection



Rated current	40A
Rated Voltage	1500V DC
Contact material	Copper, Tin Plated
Insulation material	PPO
Flame class	UL94-V0
Temperature range	-40°C ~ +85°C

Order NO.	Part P/N		Cable spec	
	Connector	Terminal	Conductor size	Cable OD(ØDmm)
CN40-CM-14	CN40-CMMM-H CN40-CFPM-H	CN40-CM-MT14 CN40-CM-FT14	AWG14(2.5mm ²)	Ø4.5-Ø8.5
CN40-CM-12	CN40-CMMM-H CN40-CFPM-H	CN40-CM-MT12 CN40-CM-FT12	AWG12(1.0mm ²)	Ø4.5-Ø8.5
CN40-CM-10	CN40-CMMM-H CN40-CFPM-H	CN40-CM-MT10 CN40-CM-FT10	AWG10(6.0mm ²)	Ø4.5-Ø8.5
CN40-CM-8	CN40-CMMM-H CN40-CFPM-H	CN40-CM-MT8 CN40-CM-FT8	AWG8(10mm ²)	Ø4.5-Ø8.5
CN40-CM-01	CN40-CMMM-H CN40-CFPM-H	CN40-CM-MT01 CN40-CM-FT01	AWG10/12/14 (6.0/4.0/2.5mm ²)	Ø4.5-Ø8.5

Rated current	40A(Stamped Pin)/70A(Lathed Pin)
Protection level	IP2X/IP68
Test voltage	8kv(5Hz, 1min)
Safety level	II
Contact resistance	<0.35mΩ
Overvoltage category pollution degree	CATII/2
Insertion force/withdrawal force	≤50N/≥50N
Trial wire specifications	CN40-Cm:2.5/4.0/6.0/10.0mm ² (14/12/10/8AWG)
Connecting system	Crimp connection

