

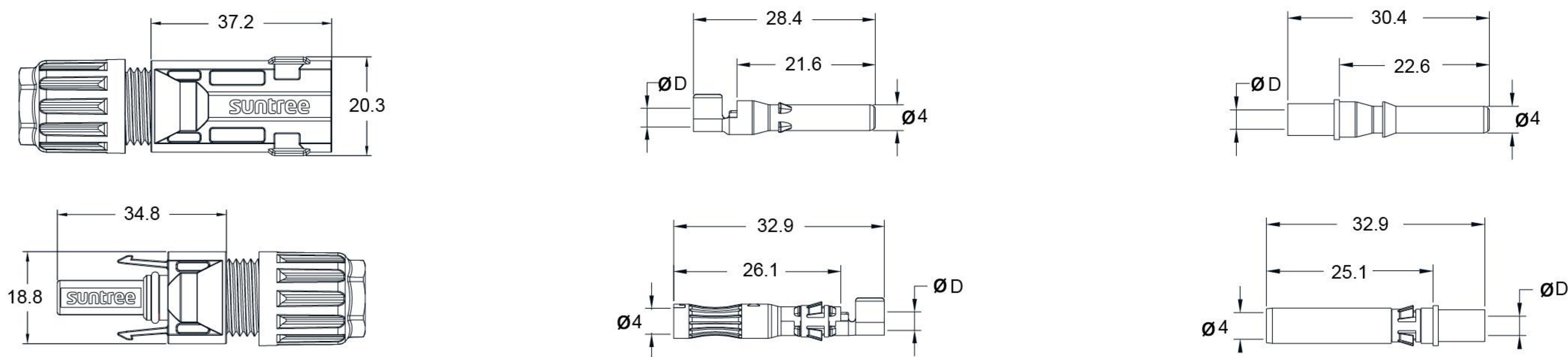
PMCN SERIES 1500V DC PV CONNECTOR



PRODUCT CHARACTERISTICS

IP 68 -40℃~85℃ UL94-V0 UV Resistance

DIMENSION (MM)



Order NO.	Part P/N		Cable spec	
	Connector	Terminal	Conductor size	Cable OD(∅D1)
PMCN40-CM-14	PMCN40-CMMM-H PMCN40-CFPM-H	PMCN40-CM-MT14 PMCN40-CM-FT14	AWG14(2.5mm²)	∅4.5~∅8.5
PMCN40-CM-12		PMCN40-CM-MT12 PMCN40-CM-FT12	AWG12(4.0mm²)	∅4.5~∅8.5
PMCN40-CM-10		PMCN40-CM-MT10 PMCN40-CM-FT10	AWG10(6.0mm²)	∅4.5~∅8.5
PMCN40-CM-8		CN40-CM-MT8 CN40-CM-FT8	AWG8(10mm²)	∅4.5~∅8.5
PMCN40-CM-01		CN40-CM-MT01 CN40-CM-FT01	AWG10/12/14 (6.0/4.0/2.5mm²)	∅4.5~∅8.5

ELECTRICAL PARAMETERS

Product Model	PMCN SERIES
Rated current	40A (Stamped Pin)/70A (Lathed Pin)
Rated voltage	1500V DC
Test Voltage	8kV(5Hz, 1min)
Contact resistance	<0.35 Ω
Applicable wire specifications	2.5/4.0/6.0/10.0mm²(14/12/10/8AWG)
Insulation Materials	PPE
Terminal material	Copper,Tin plated
Temperature range	-40℃~85℃ (IEC)
Overvoltage category	CAT III
Pollution degree	2
Degree of protection	UL94-V0
Flame class	UL94-V0
Safety class	II
Insertion force	≤50N
Withdrawal force	≥50N
Connecting system	Crimp connection