



PV Junction Box Radial Type & PV Connectors Brochure



OUR VISION & MISSION

Empowering India's Solar Future,
Driven by Integrity, Innovation, and Inclusion.



Vision

Enhance self-sufficiency by reducing dependency on imports in a systematic manner, boost production in India, and facilitate global exports by empowering women.



Mission

Within Solar Energy, India seeks to achieve self-reliance through a commitment to being a customer-focused organization. The values upheld by the organization are: Honesty, Transparency, Integrity, Fast mover.



Organization Priorities



Safety of
Employees



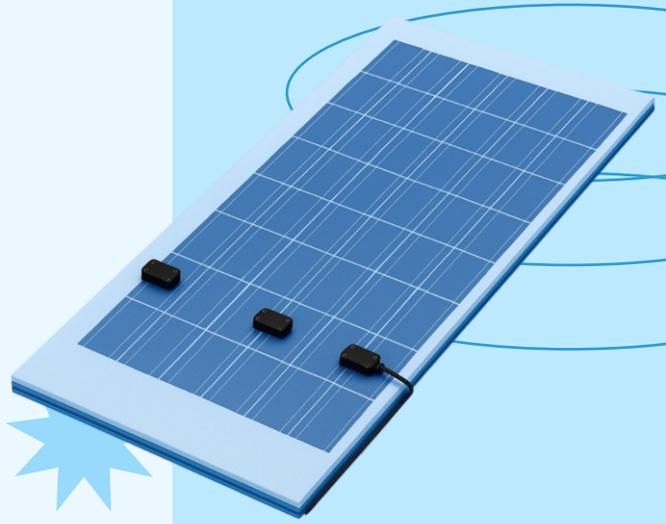
Customer
Satisfaction



Top Quality
& Services



PV Junction Box Radial Type Male



Features



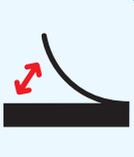
**Flame
Retardant**



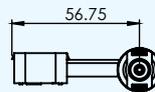
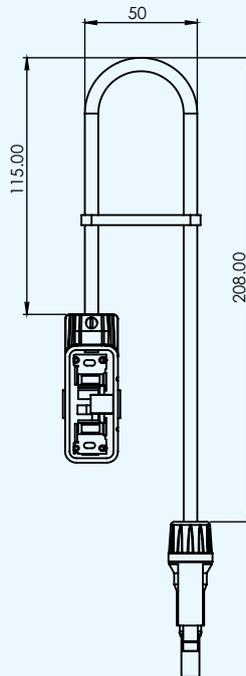
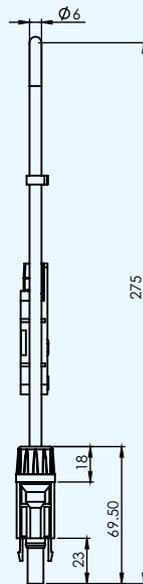
**Amps Carrying Capacity
up to 35 Amps**



**Waterproof
up to IP68**



**Less
Potting Glue**



Product Specification

Box Material	PPE/PA
Rated Voltage	1500VDC
Rated Current	25/30/35 Amps (Diode Type)
Test Voltage	8kv (50Hz, Imin)
Contact Resistance	≤ 0.25mΩ
Contact Material	Copper
Degree Protection	IP68 (in potting)
Connection of bus ribbons	Solder

Safety Degree	II
Flame Class	UL94-V0
Diode Number	Each IPC
Ambient Temp Range	-40°C...+85°C(IEC)
Suitable Cable Cross Sections	2.5 / 4.0 / 6 sq.mm
Upper Limiting Temperature	110°C
Ribbon size	Max.8(W)*0.2-0.5(T)mm



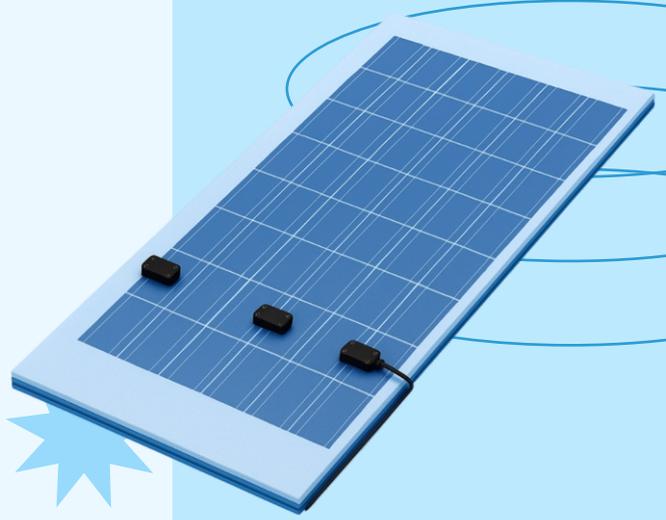
Compliance :
TUV EN62790/IEC62790



Packing : Box Packing
or Customized Packing



PV Junction Box Radial Type Female



Features



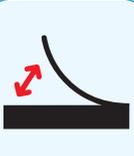
Flame
Retardant



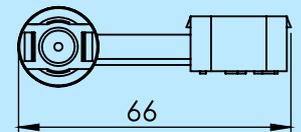
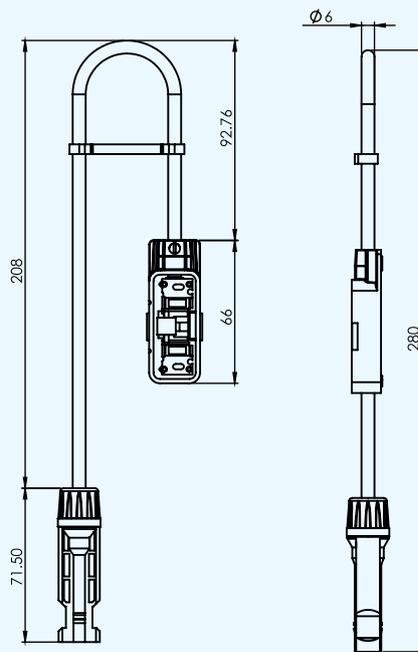
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Less
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Product Specification

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Rated Voltage	1500VDC
Rated Current	25/30/35 Amps (Diode Type)
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Contact Resistance	≤ 0.25mΩ
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Degree Protection	IP68 (in potting)
Connection of bus ribbons	Solder

Safety Degree	II
Flame Class	UL94-V0
Diode Number	Each IPC
Ambient Temp Range	-40°C...+85°C (IEC)
Suitable Cable Cross Sections	2.5 / 4.0 / 6 sq.mm
Upper Limiting Temperature	110°C
Ribbon size	Max.8(W)*0.2-0.5(T)mm



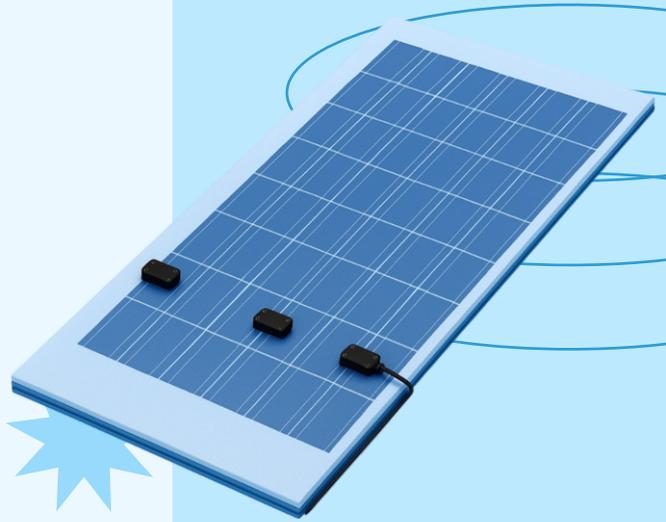
Compliance :
TUV EN62790/IEC62790



Packing : Box Packing
or Customized Packing



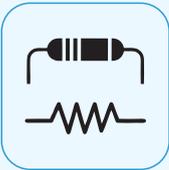
PV IP68 Male Connector



Features



Higher Current Carrying Capacity



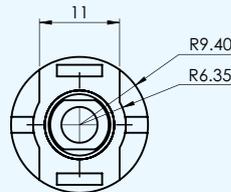
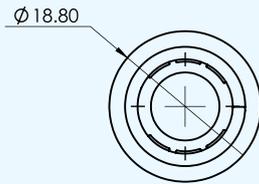
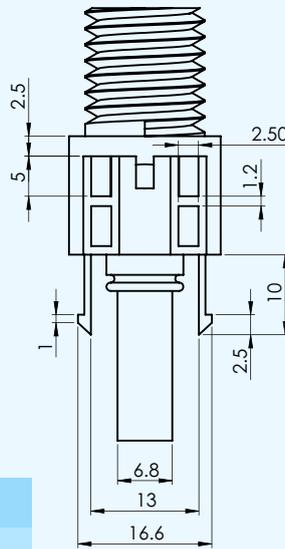
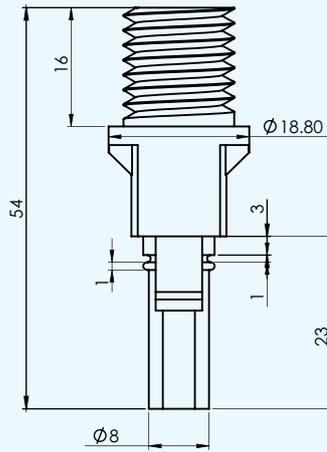
Low Resistance Value



Waterproof up to IP68

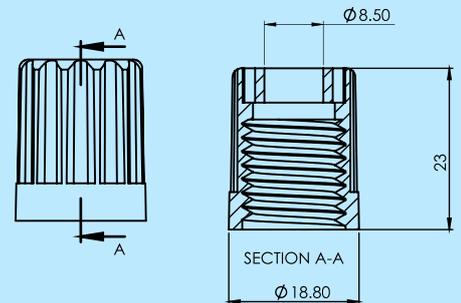
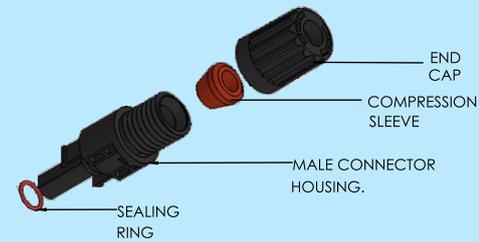


Plug & Play



Product Specification

Insulation Material	PPE/PA
Rated Voltage	1500VDC
Rated Current	35 Amps
Test Voltage	8kv (50Hz, 1min)
Contact Resistance	≤ 0.25mΩ
Contact Material	Copper, Tin plated
Degree Protection	IP68
Safety Degree	II



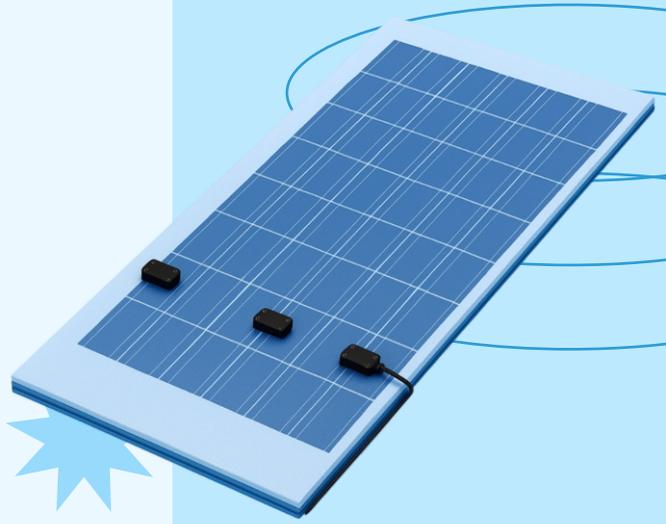
Compliance :
TUV EN62790/IEC62790



Packing : Box Packing
or Customized Packing



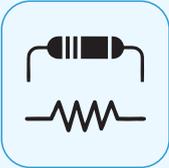
PV IP68 Female Connector



Features



Higher Current Carrying Capacity



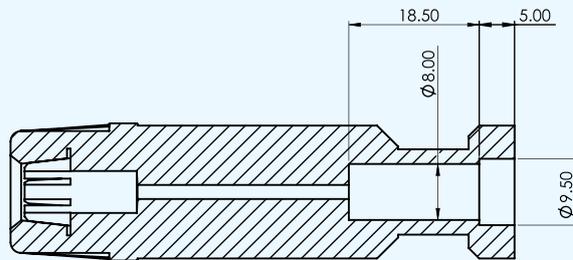
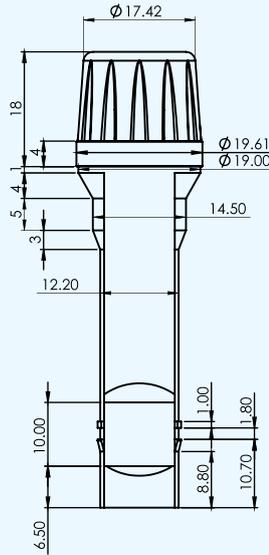
Low Resistance Value



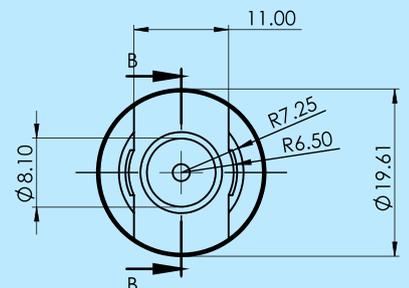
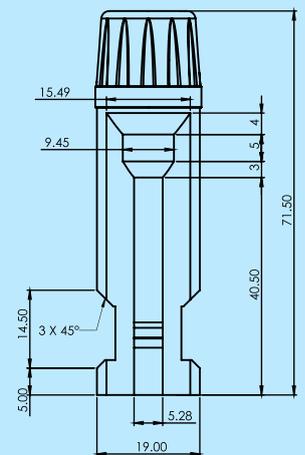
Waterproof up to IP68



Plug & Play



SECTION B-B



Product Specification

Flame Class	UL94-V0
Upper Limiting Temperature	110°C
Withdrawal Force	≥50N/≤50N
Overtoltage Category	CATIII/2
Ambient Temp Range	-40°C...+85°C(IEC)
Suitable Cable Cross Section	2.5~16mm ² /14-6AWG
Connection Mode	Crimp Connection
Product Color	Black



Compliance :
TUV EN62790/IEC62790



Packing : Box Packing
or Customized Packing



Contact Us

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