

Model: PV-JM608

Connector Type: DC Solar Connector

Key Features

- Excellent resistance to aging and UV radiation, ensuring long-term outdoor performance
- Robust design for use in extreme weather conditions
- Integrated cable strain relief system with multilam contact technology for long-term connection stability
- Secure automatic locking mechanism for reliable mating and unmating
- Certified to IEC 62852 and UL 6703 standards

Technical Specifications

> Electrical Characteristics

Specification	PV-JM608 (TÜV)	PV-JM608 (UL)
Rated Current	30 A	20 A (12 AWG) 30 A (10 AWG) 50 A (8 AWG)
Rated Voltage	1500 V DC	1500 V DC
Contact Resistance	$\leq 0.5 \text{ m}\Omega$	$\leq 0.5 \text{ m}\Omega$
Safety Class	Class II	Class II

> Mechanical Characteristics

Specification	PV-JM608 (TÜV) & (UL)
Operating Temperature	-40°C to +85°C (TÜV) -40°C to +90°C (UL)
Degree of Protection	IP68 (mated)
Wire Size Compatibility	4 mm ² – 6 mm ² (TÜV) 12 AWG – 8 AWG (UL)
Unmating Force	100 N

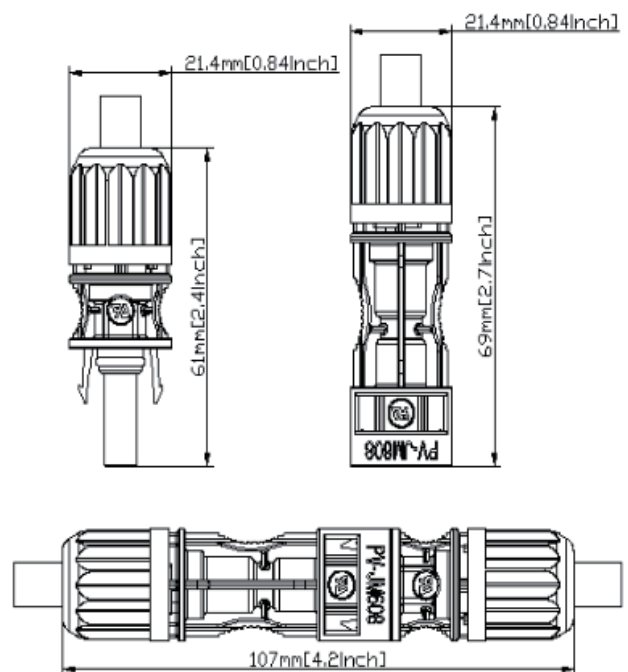
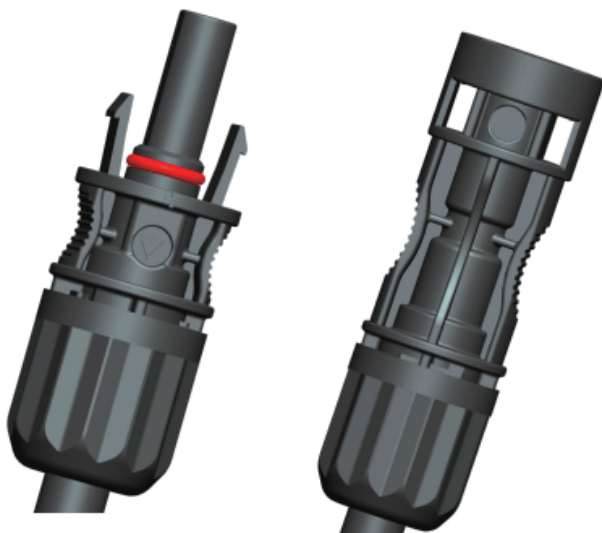
> Material Specifications

Component	Material
Insulation Material	PPO (PV40Z), Black
Contact Material	Tin-plated Copper
Flammability Rating	UL94-V0 (TÜV) 5VA (UL)

Compliance & Certifications

- TÜV Certified (IEC 62852)
- UL Listed (UL 6703)
- RoHS Compliant

Mechanical Drawing



Contact Information

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