



GENERAL INFORMATION

The PC1 connectors are designed to quickly and safely connect solar panels to the electrical grid and are adapted for 1500V DC PV system connections. Applications include junction boxes, solar cable harnesses, solar and micro inverters and DC optimizers.

FEATURES

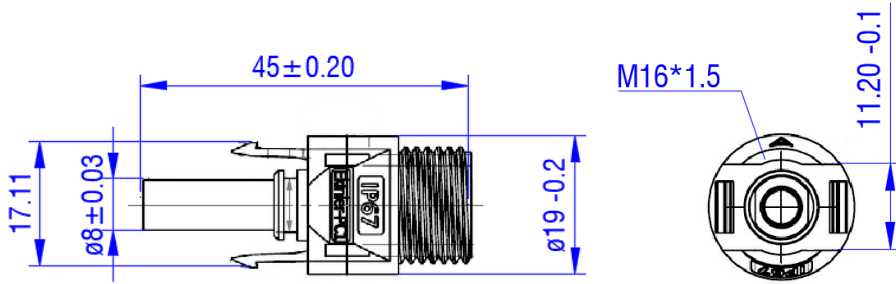
- ❖ IP 68 Protection Degree
- ❖ IEC 62852:2014 Standard complies
- ❖ PC1 Solar Connector is certificated by TÜV Rheinland
- ❖ UL94-V0 Flame class
- ❖ Robust design
- ❖ Low contact resistance
- ❖ Suitable for panel production and installation in the solar field

PC1 – SOLAR CONNECTOR

TECHNICAL DATA	
Insulation Material	PPO
Rated Current	30A(2.5mm ²) 35A(4mm ²) 40A(6mm ²)
Rated Voltage	1500V(TUV)
Characteristic Contact Resistance	<0.5mΩ
Protection Degree	IP68
Ambient Temperature Range	-40°C to +85°C
Flame Class	UL94-V0
Contact Material	Copper, Tin plated
Cable Cross Sections	2.5mm ² -4mm ² -6mm ²

DIMENSIONS (mm)

Male Connector



Female Connector

