

MC4 Connector TT02 Photovoltaic

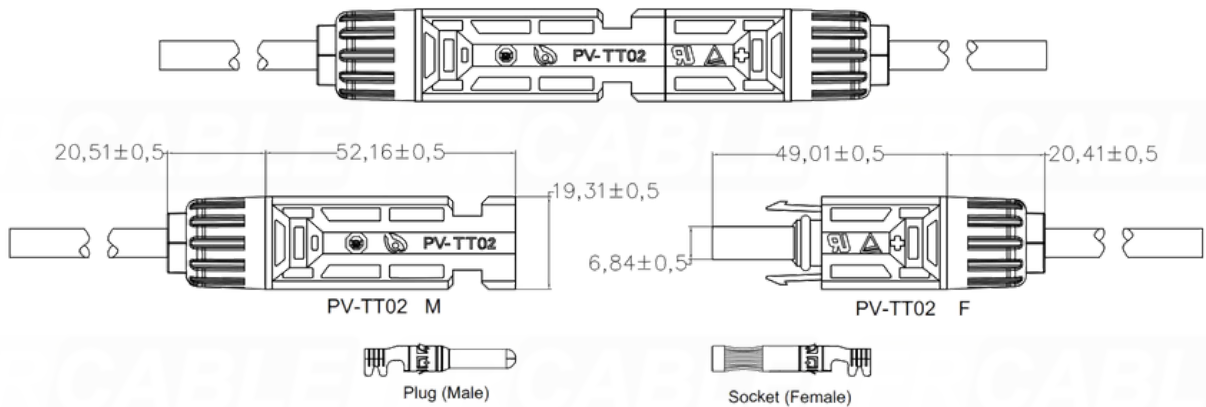


APPLICATION

MC4 connectors are the preferred choice for connecting components in photovoltaic (PV) systems due to their safe, weatherproof design and secure locking mechanism. They are optimized for DC applications up to 1500 volts and are well-suited for the demanding environment of solar power generation.

CERTIFICATIONS

- TÜV
- UL



Certifications	TUV	TUV SUD	UL
Certificate number	R 50365329	B 0904270005	E5 08 99 0
Rated Current	30A	43A	35A
Rated Voltage	TUV 1500V DC UL 1500V DC		
Protection Degree	IP65/IP68 (1m,1h)		
Safety Class	Class II		
Cable Specification	4.0mm ² OD 5.7-6.1 mm, Strands 56/0.285(TUV) 12AWG OD 6.3±0.1 mm, Strands 56/0.285(UL)		
Ambient Temperature	-40 °C ~ + 85 °C		
Contact Resistance	≤0.3 m Ω		
Insulation Material	PPE		
Flame class	UL94-V0		
Connection Method	Pressure welding		
Contact Material	Copper tin plating		
Waterproof Structure	Seal ring		