

MC4 - ELMC4-1

MC4 Connector

ELMC4-1 6mm

General

Mainly used for the connection of solar panels and inverters. With a withstand voltage of up to DC1000V and using the new standard photovoltaic connector.



Functions

- Makes photovoltaic power generation safer.
- Quick connection of photovoltaic cables and easy to install.
- Extremely low contact resistance.
- Waterproof and dustproof design.
- Excellent resistance to high and low temperatures, freeze, and UV radiation.

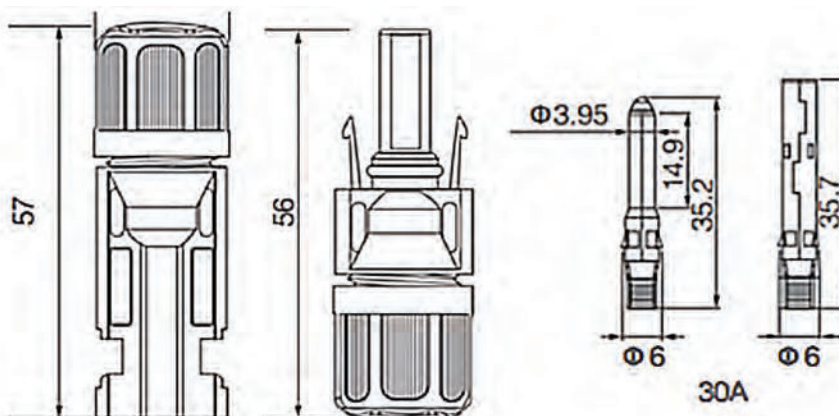
Application

- PV Solar Systems

Technical data

Parameter	Data
Connector System:	6 mm.
Rated Voltage (V):	1000V DC
Rated Current (A):	30 A
Ambient Temperature Range:	-40°C +90° C(IEC) -40°C +75° C(UL)
Upper limiting Temperature:	+105°C (IEC)
Degree Of Protection, Mated:	IP67
Unmated:	IP2X
Contact Resistance of Plug Connectors:	0.5mΩ
Safety class:	II
Contact Material:	Messing, Copper Alloy, tin plated
Insulation Material:	PC/PPO
Locking System:	Snap-in
Flame Class:	UL-94-VO
Salt mist spray test, degree of severity 5:	IEC60068-2-52

Dimensional Drawing(mm)



MC4 Connector

ELMC4-1 10mm

General

Mainly used for the connection of solar panels and inverters. With a withstand voltage of up to DC1500V and using the new standard photovoltaic connector.



Functions

- Makes photovoltaic power generation safer.
- Quick connection of photovoltaic cables and easy to install.
- Extremely low contact resistance.
- Waterproof and dustproof design.
- Excellent resistance to high and low temperatures, freeze, and UV radiation.

Application

- PV Solar Systems

Technical data

Parameter	Data
Connector System:	10 mm.
Rated Voltage (V):	1500V DC
Rated Current (A):	60 A
Ambient Temperature Range:	-40°C +90° C(IEC) -40°C +75° C(UL)
Test Voltage:	6KV(50Hz,1Min)
Degree Of Protection, Mated:	IP67
Unmated:	IP2X
Contact Resistance of Plug Connectors:	<1mΩ
Safety class:	II
Contact Material:	Messing, Copper Alloy, tin plated
Insulation Material:	PC/PPO
Locking System:	Snap-in
Flame Class:	UL-94-VO
Certificate:	TUV,CE,ROHS,ISO 9001

Dimensional Drawing(mm)

