

## DSMC4 - MC4 MALE AND FEMALE IP67 SOLAR CONNECTOR

MC4 Style Connectors are used to connect multiple solar panels or groups of solar panels together in a solar field, and typically used in parallel applications.

The metal pin is made from high quality machined copper and sealed tip that can ensure excellent electrical contact.



## OTHER ADDITIONAL INFORMATION

### Specifications:

**Rated Current:** 30A(2.5/4.0 /6.0 mm<sup>2</sup> )

**Rated Voltage:** 1000V DC

**Connector system:**  $\phi$ 4mm

**Withstanding voltage:** 6000V AC(1 Min)/  
UL 2200V DC(1 Min)

**Protection Class:** Class II

**Suitable cable Lines:** 14/12/10 AWG

**Protection Degree:** IP67, mated

**Insulation Material:** PC/PPO

**Contact Material:** Messing verzinkt  
Copper Alloy, tin plated

**Flame Class:** UL94-V0

**Pollution degree:** 2

**Ambient temperature range:** -40° to +90°

**Upper limiting temperature:** +110°C

**Contact resistance of plug connectors:** 0.5m $\Omega$

**Insertion force:** less than 50N

**Withdrawal force:** over 50N

**Locking system:** Snap-in

**Flame class:** UL-94-V0  
IEC 60068-2-52

