

Technical Parameters

Model	MC4-1500V
Metal plug system	Φ2.5mm Φ4mm Φ6mm Φ10mm Φ16mm
Rated voltage	1500V DC
Rated current	30A(2,5mm ² ,4mm ² ,6mm ² ;14AWG,12AWG,10AWG) 45A(4mm ² ;6mm ² ;12AWG,10AWG) 60A(10 mm ² ;8AWG) 80A(16mm ² ;7AWG)
Test voltage	6kV(50HZ,1min.)
ambient temperature range	-40°C...+85°C(IEC) -40°F..+194°F(UL)
upper temperature limit	+105°C(IEC)
Protection level	IP67
Touch protection, unmated state	IP2X
Connector contact resistance	0.5mΩ
Security Level	II
Terminal material	Tinned copper/silvered copper
Insulation Materials	PC/PPO
locking system	Snap-in
Flammability rating	UL-94-Vo
Corrosion test level	IEC 60068-2-52

Size reference(mm)

