



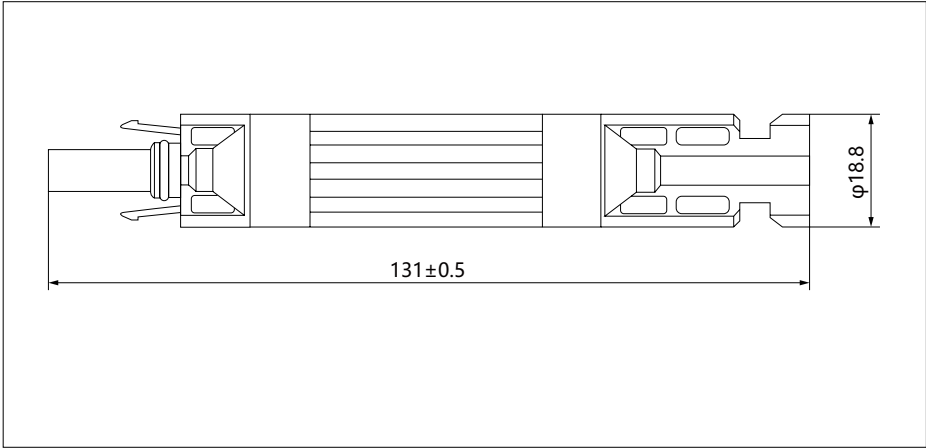
► Overview

DC connector MD-MC4 series are applicable for use in connection for photovoltaic devices like DC combiner box, Inverters, String Combiner Boxes, etc ,double electric shock free protection for load closure and disconnection,can meet quick connection and anti vibration function. rainproof,moisture-proof,dust-proof and durable .waterproof grade IP67.high heat resistance,wear resistance,durability, corrosion resistance, thick copper inner core,high quality material selection.

► Technical data

Connector system	Φ4mm
Rated voltage	1000V/1500V DC(IEC) ¹
Rated current	10A,15A,20A,30A(1.5mm ² ,2.5mm ² ; 14AWG,4mm ² ; 6mm ² ; 12AWG,10AWG)
Test voltage	6kV(50Hz,1min.)
Temperature Range	-40°C...+90°(IEC) -40°C...+75°C(UL)
Upper Temperature Limit	+105°C (IEC)
Degree of protection,mated	IP67
unmated	IP2X
Comtact resistanceof plug connectors	0.5mΩ
Safety class	II
Contact material	Messing,verzinnt Copper Alloy,tin plated
Insulation mtacenal	PC/PPO
Locking system	Snap-in
Fameclass	UL-94-V0
Salt mist spray test,degree of severity 5	IEC 60068-2-52

► Dimensions(mm)



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► Technical data

Insulation Material	PPO
Contact Material	Copper,Tin plated
Suitable Current	30A
Rated Voltage	1000V (TUV) 600V (UL)
Test Voltage	6KV (TUV50Hz,1min)
Contact Resistance	<0.5mΩ
Degree Of Protection	IP 67
Temperature Range	-40°C~+ 85°C
Flame Class	UL94-V0
Safety Class	II
Pin Dimensions	Φ4mm

► Dimensions(mm)

