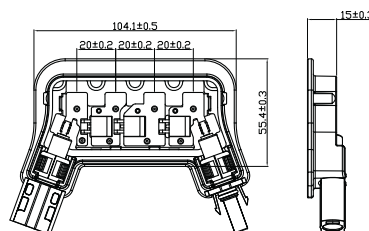


STANDARD PV JUNCTION BOX

CF1606-01-F

FEATURE HIGHLIGHTS

- Junction box specifications are unified: all components can use the same junction box, and then according to different customer needs, configure the appropriate adapter to facilitate material scheduling, reduce inventory;
- Save the length of the wire: After the assembly is installed, make the adapter according to the installation pitch of the assembly, save the wires, reduce the resistance, and increase the power generation efficiency;
- Component production automation: After removing the wire, the connector is fixed in position for easy automation of insertion and removal.
- The connector does not need to be fixed: When the component is installed on site, the connector does not need to be fixed separately, and the position of the connector is not easy to produce water or other substances to precipitate, and the lifetime of the connector is improved.



PRODUCT CERTIFICATES

UL 3730: CSA

IEC 62790: 2014 / TUV



TECHNICAL SPECIFICATION

Part No.	CF1606-01-F
Ambient Temperature Range	-40 C to 85 C
Storage Temperature Range	-40 C to 85 C
Cooling Method	Potting
Dimensions (mm)	See the drawing
Degree of protection	IP68
Contact Material	Copper, T2 Tin-plated, H62
Insulation Material	PPE+PS / PA
Flame class	UL94 5VB
TUV Certified	B170899272005
CSA Certified	70025616
Diode Type	3045
Number of Bypass Diodes	3
Number of Bus Ribbons	4
Connection of Bus Ribbons	Soldering / Welding
Diode Junction Temp Max Under Forward Current	200 C
Current Rating	15 A
Max Reverse Current	30 A
Rated String Voltage	1500 V IEC 1500 V UL
Max Withstand Voltage	16 KV
Cabling Type	/
Cable Length	/
Connector	PV2e / Customized
Wire Cross Section	/
Outer Cable Diameter	/
Approvals	TUV / CSA