



FRIENDS TECHNOLOGY

福莱德科技

CF1208-01/02

PHOTOVOLTAIC JUNCTION BOX



- Decentralized structure applies to special designed crystalline modules, BIPV and thin film modules.
- The junction box is fixed to the panel with silicone.
- The single box CF1208-02 can be individually applied to the low current modules with 3 bus-bar ribbons.

SYSTEM CERTIFICATES

ISO 9001:2008

ISO 14001:2004

OHSAS 18001:2007

PRODUCT CERTIFICATES

EN 50548:2011 + A1 / TÜV



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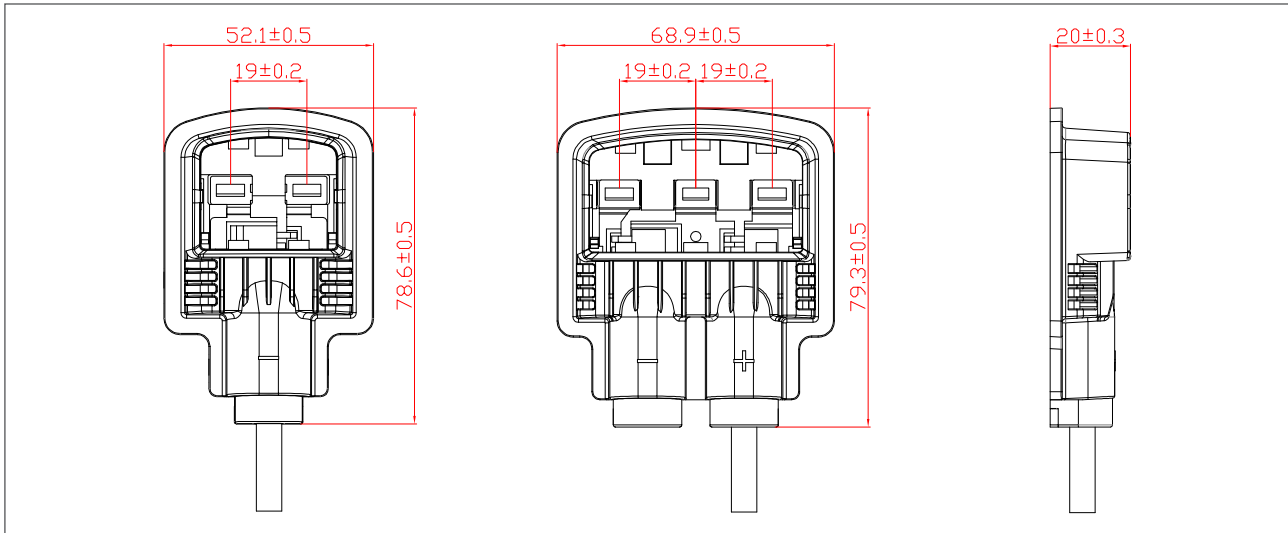


WEBSITE

www.frd solar.com



DIMENSION DRAWING



TECHNICAL DATA

Ambient Temperature Range	-40°C to 85°C
Storage Temperature Range	-40°C to 85°C
Cooling Method	Potting
Dimensions (with lid)	See the drawing
Degree of protection	IP 67
Contact Material	Copper T2, Tin plated, H62
Insulation Material	PPE + PS
Flame class	UL 94 V-0
TUV Certified	R 50249090
CSA Certified	262886
Diode Type	SB1640LDC
Number of Bypass Diode	3
Number of Bus Ribbons	5
Connection of Bus Ribbons	Soldering / Welding
Diode Junction Temp Max Under Forward Current	200°C
Current Rating	10 A
Max Reverse Current	20 A
Rated String Voltage	1000 V IEC
Max Withstand Voltage	12 kV
Cabling Type	PV1-F / PV Wire
Cable Length	1.0 m / Customized
Connector	PV2 / Customized
Wire Cross Section	$1 \times 4.0 \text{ mm}^2$, 12 AWG
Outer Cable Diameter	$6.3 \pm 0.2 \text{ mm}$
Approvals	TUV

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