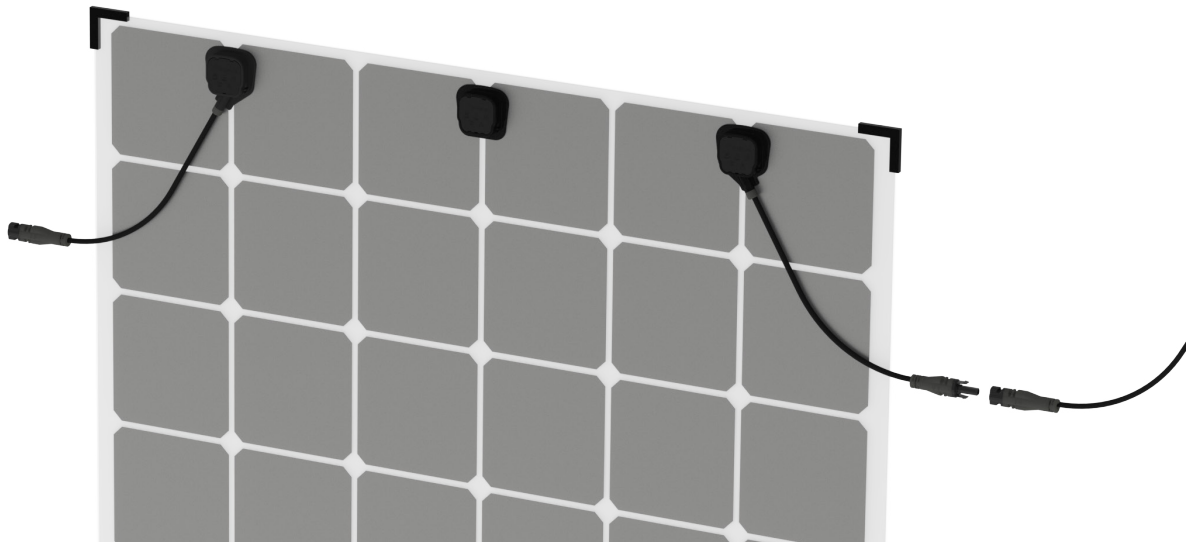




CF1505-01mx

PHOTOVOLTAIC JUNCTION BOX



- Junction box for electric connection of bus ribbons on crystalline, thin film, and BIPV modules
- The junction box is fixed to the panel with silicone
- The innovation of integrated injection molded J-box guarantees high degree protection of IP 68
- Decentralized structure reduces modules resistance and enhances module performance

SYSTEM CERTIFICATES

ISO 9001:2008
ISO 14001:2004
OHSAS 18001:2007

PRODUCT CERTIFICATES

UL 3703: CSA
EN 50548:2011 + A1 / TÜV



 CHANGSHU FRIENDS CONNECTOR TECHNOLOGY CO., LTD.



ADDRESS

2 Zhongtian Road, Changkun Industrial Park,
Changshu, Jiangsu, China



CONTACT

Tel: +86 512-52503618 / 52477866
Fax: +86 512-52477355
Email: frd@frdsolar.com

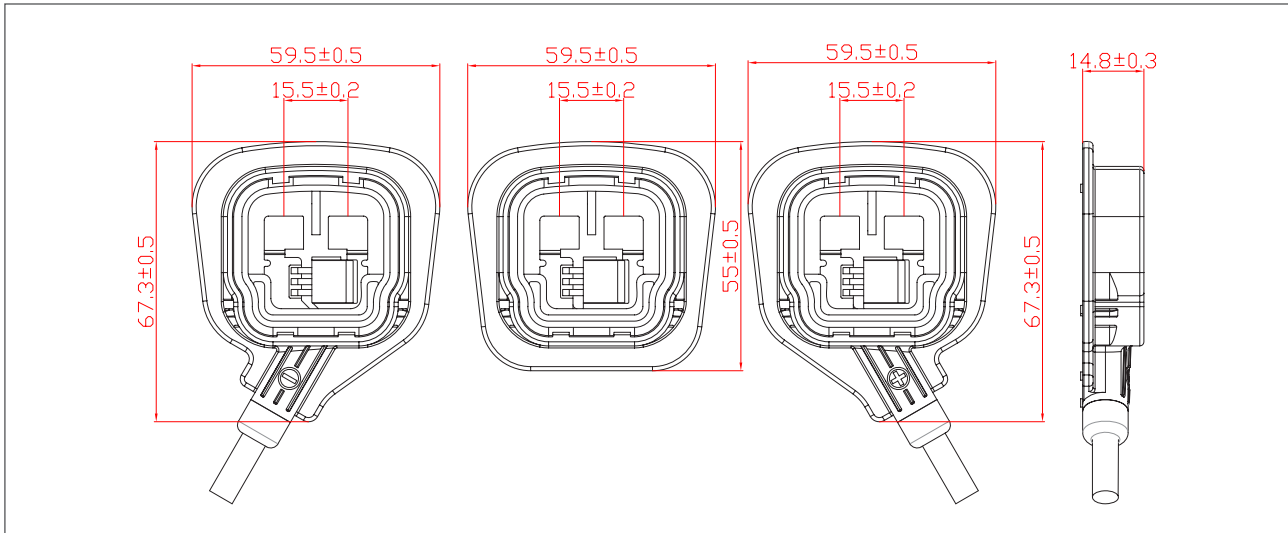


WEBSITE

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 68
Contact Material	Copper T2, tin plated, H62
Insulation Material	PPE + PS
Flame class	UL 94 5VB
TUV Certified	R 50289227
CSA Certified	262886
Diode Type	SB3045DY / GF3045MG
Number of Bypass Diode	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	H1Z2A2-K / PV Wire
Cable Length	1.0 m / Customized
Connector	PV2 / Customized
Wire Cross Section	1×4.0 mm ² , 12 AWG
Outer Cable Diameter	6.4 ± 0.2 mm
Approvals	TUV / CSA

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