

## 1. Product appearance and design

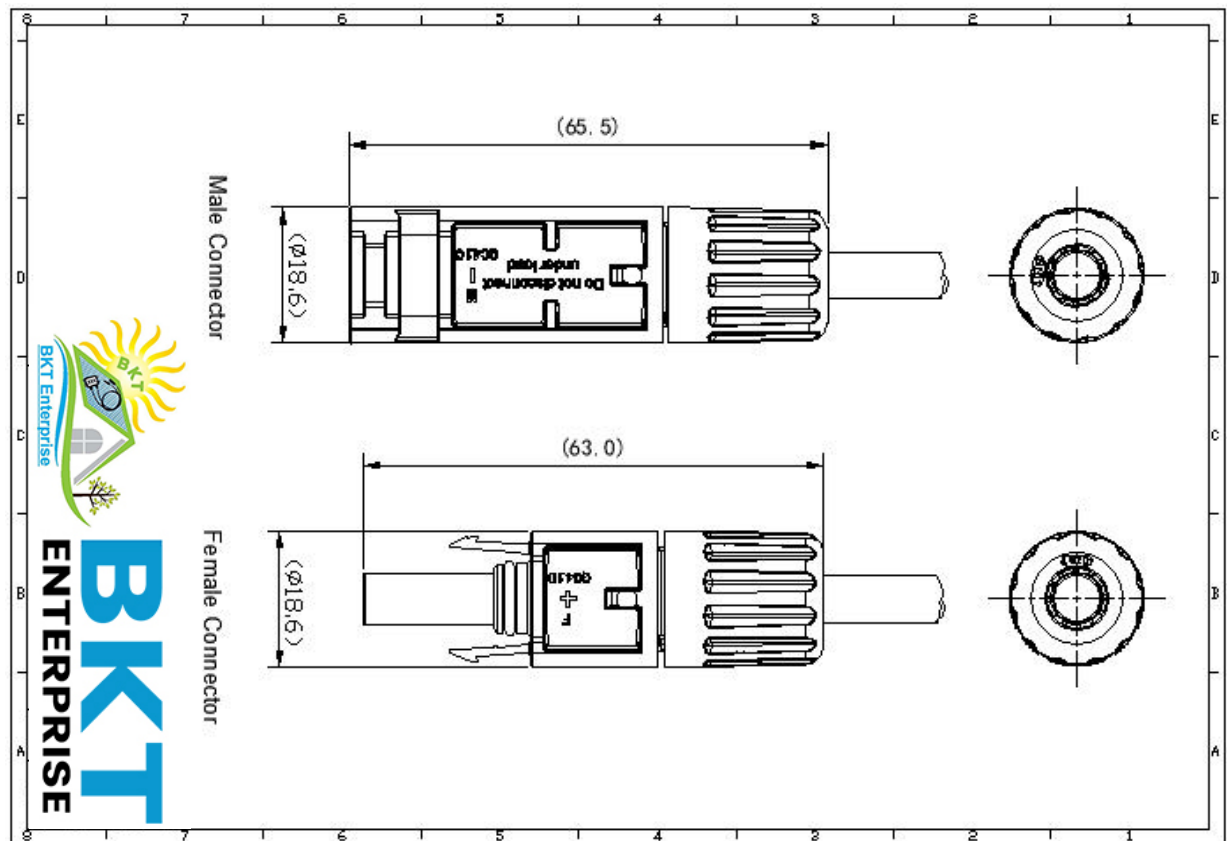
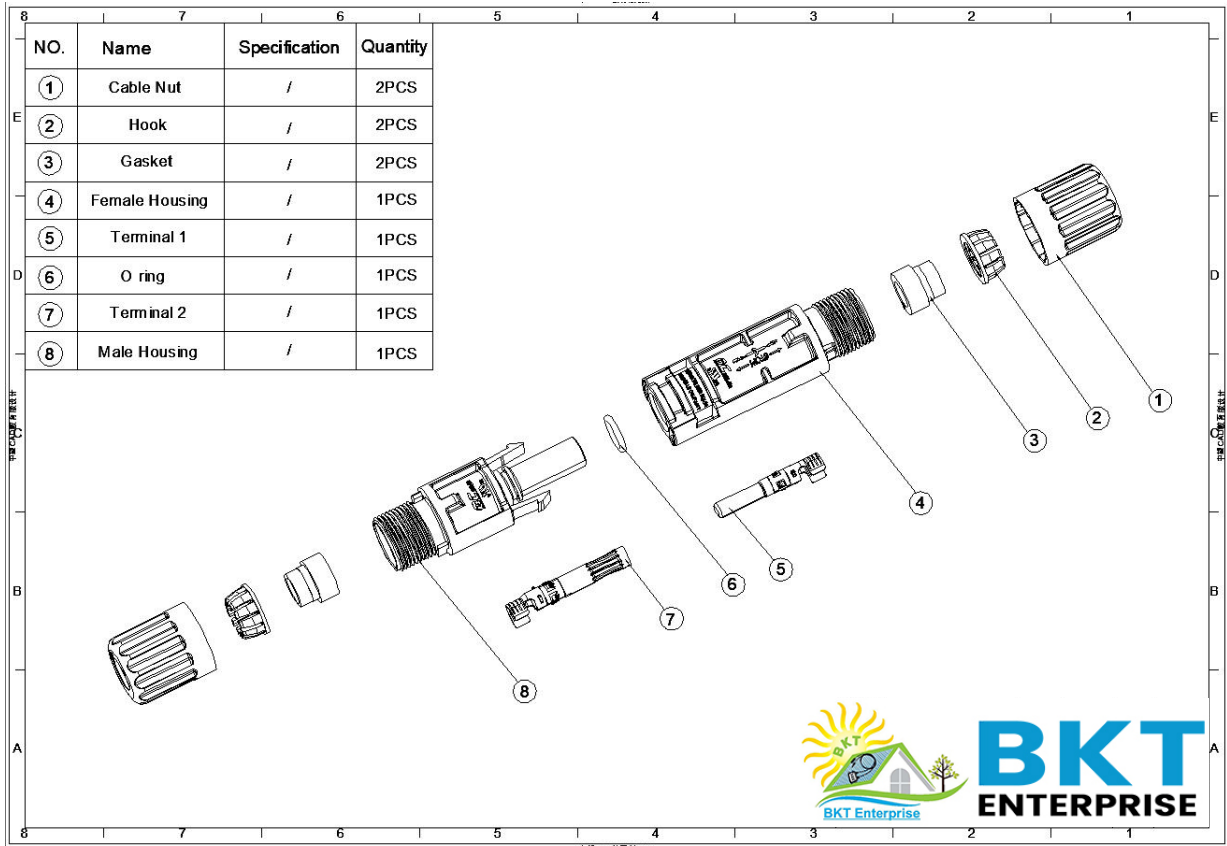


Certificate	UL	TUV
Product Name	Series BKT4.10, followed by –a5, may be followed by none, followed by c12, c13, c14 or c15, followed by d1 or d3, followed by e2 or e4, may be followed by f1, <b>and may be followed by g1.</b>	BKT4.10 (PLUS)
Certified Model	BKT4.10-a5CDEf1g1	BKT4.10-cds
Rated Voltage	UL1500V	IEC1500V
Rated Current	30A for 14AWG 35A for 12AWG 50A for 10AWG	36A for 2.5mm <sup>2</sup> 41A for 4.0mm <sup>2</sup> 46A for 6.0mm <sup>2</sup>
Cable Specification	90°C 2000V, Strands of Conductor 41~84/0.25~0.3, OD5.9~7.2mm, 14 AWG, 12 AWG, 10 AWG	IEC 1500V, Strands of Conductor 41~84/0.25~0.3, OD 4.7~7.2mm, 2.5mm <sup>2</sup> , 4.0mm <sup>2</sup> , 6.0mm <sup>2</sup>
IP degree	N/A	IP65/IP68(1m, 1h)
Protection Class	N/A	Class II
Resistance of Connector	Max 0.2mΩ	Max 0.2mΩ
Flammability Class	UL94 V-0	UL94 V-0
Temperature Range	-40°C~+85°C	-40°C~+85°C

## 2. Connector BOM List:

Product name	Connector	Bill Of Materials		Version	A/0
Product	BKT4.10-cds	Bill Of Materials		Paper	1
Customer		Bill Of Materials		Issue date	2022.08.11
No.	Part	Materials			
1	Female housing	PPE	BKT SOLAR	1 pcs	
2	Male housing	PPE	BKT SOLAR	1 pcs	
3	Screw cap	PA	BKT SOLAR	2 pcs	
4	Cable clamp	PA	BKT SOLAR	2 pcs	
5	Sealing gasket	Silicon rubber	BKT SOLAR	2 pcs	:4.7-6.0 mm :5.6-6.8 mm :6.0-7.2 mm
6	O sealing ring	Silicon rubber	BKT SOLAR	1 pcs	
7	Metal plug	Tin-plated copper	BKT SOLAR	1 pcs	
8	Metal socket	Tin-plated copper	BKT SOLAR	1 pcs	

### 3. Drawing of connector:





**BKT**  
ENTERPRISE

