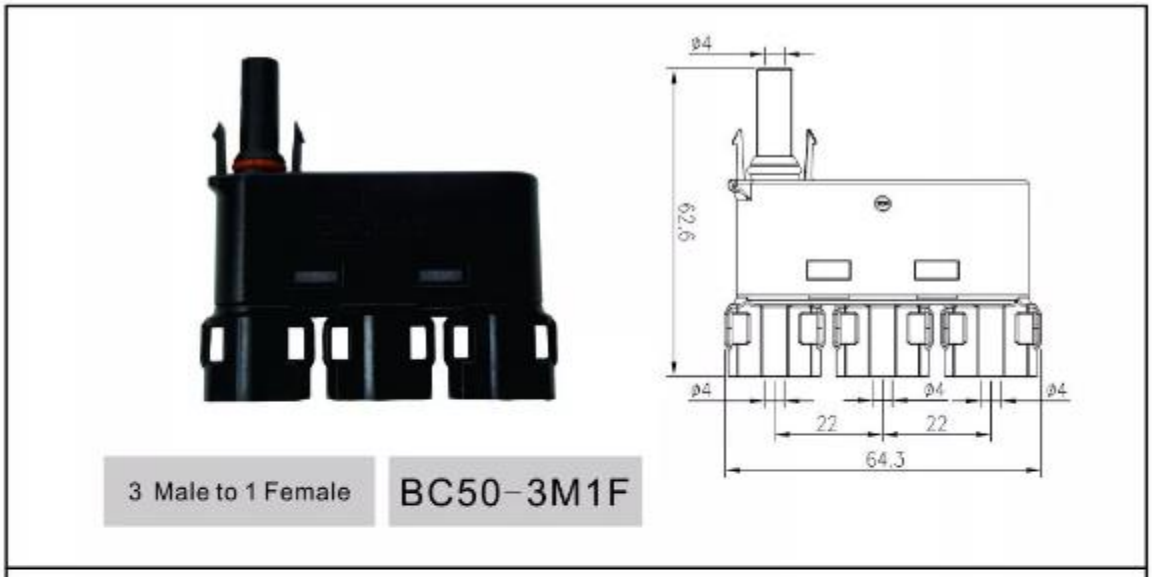
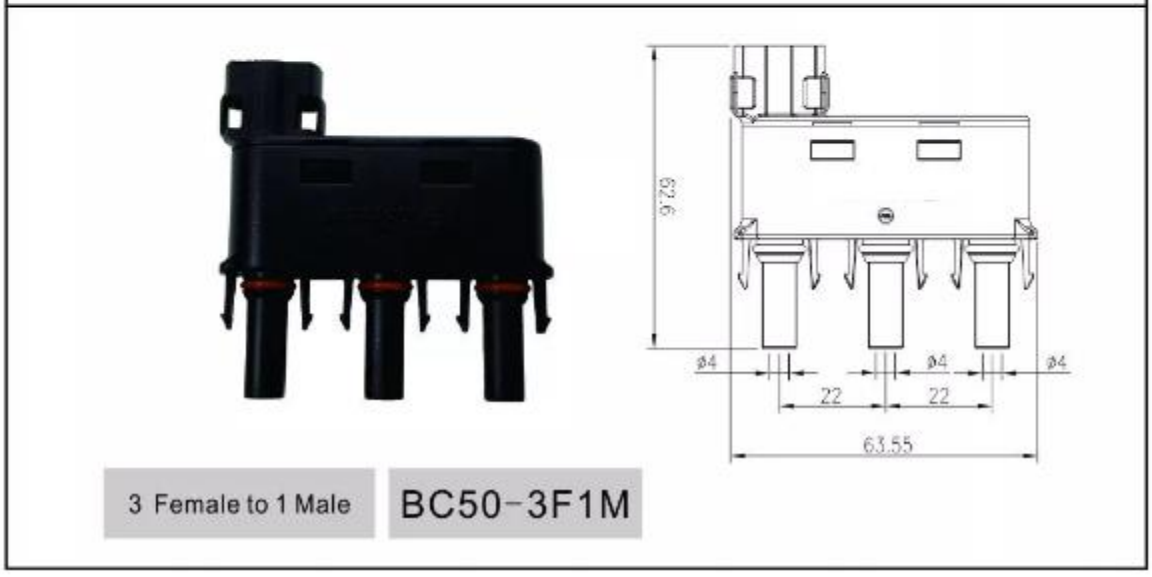
Technical Data of PV Branch Connector BC50

1. Description

- Compatible MC4.
- Simple on-site processing, safe and quick.
- Mating safety provided by keyed housings.
- Multiple plugging and unplugging cycles.
- High current carrying capacity.





2. Specifications

Items	Specification
Insulation material	PPO
Rated current	50A
Rated voltage	1500V
Test voltage	6KV (50Hz,1Min)
Contact Resistance of plug connector	0.5mΩ
Contact material	Cooper, Tin plated
Degree of protection	IP2x/IP68
Safety class	II
Flame class	UL94 – V0
Insertion force	Max. 50N
Withdrawal force	Min. 50N
Ambient temperature range	-40°C ~ + 85°C
Suitable cable cross sections	OD 4.5-8.5 (2.5-6.0mm^2)
Overvoltage category/Pollution degree	CATIII/2