

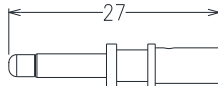
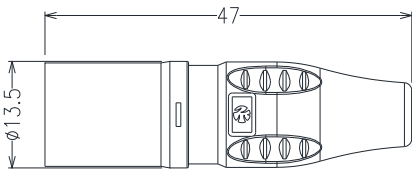
## 光伏3.0线端连接器(软胶) PV 3.0 Cable Connector (Rubber)

### 产品规格 Product Specifications

绝缘材料 Insulation material	TPV/PA	安全等级 Safety degree	II
额定电流 Rated current	30A	阻燃等级 Flame class	UL94-HB/UL94-V0
额定电压 Rated voltage	1000VDC	插入力/拔出力 Insertion force/Withdrawal force	≤ 50N / ≥ 50N
测试电压 Test voltage	6kV(50Hz, Imin)	环境温度范围 Ambient temperature range	-40℃...+85℃ (IEC)
连接器接触电阻 Typical contact resistance	≤ 0.25 mΩ	适配电线规格 Suitable cable cross sections	2.5~6mm <sup>2</sup> /14~10AWG
金属导体材料 Contact material	铜, 镀锡 Copper, Tin plated	连接方式 Connecting system	压接 Crimp connection
保护等级 Degree of protection	IP67	温度上限 Upper limiting temperature	110℃ (IEC)
过压等级 Overvoltage category/Pollution degree	CATIII/2		

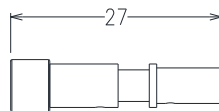
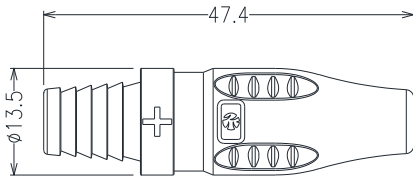
### 图示: Drawing:

公连接器  
Male Connector



Matching MC3 connector

母连接器  
Female Connector



### 3.0线端连接器料号

#### PV3.0 Cable connector rubber type part number

3.0线端母连接器 3.0 Cable Female Connector			3.0线端公连接器 3.0 Cable Male Connector		
料号 Part No.	ΦD	适配电线规格 Cable Size	料号 Part No.	ΦD	适配电线规格 Cable Size
3C2500-001	Φ2.1	2.5mm <sup>2</sup> / 14AWG	3C2501-001	Φ2.1	2.5mm <sup>2</sup> / 14AWG
3C4000-001	Φ2.8	4.0mm <sup>2</sup> &/12AWG	3C4001-001	Φ2.8	4.0mm <sup>2</sup> &/12AWG
3C6000-001	Φ3.4	6.0mm <sup>2</sup> &10AWG	3C6001-001	Φ3.4	6.0mm <sup>2</sup> &10AWG