

Amass[®] 艾迈斯
专注低压直流大电流连接器**23年**
Focus on low-voltage DC high-current
connectors for 23 years

XT系列原创者

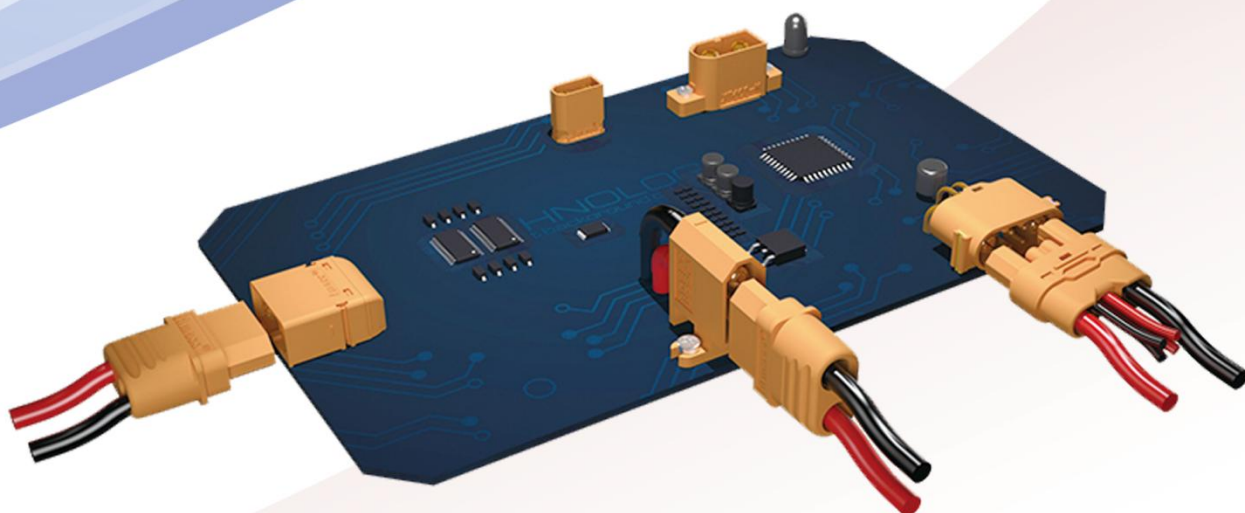
第三代锂电大电流内接件

The original creator of the XT series

The third generation of lithium battery high-current internal connectors

第三代产品手册

Third Generation Product Manual



常州市艾迈斯电子有限公司

Changzhou AMS Electronics Co., Ltd

关于艾迈斯电子 About Amass

艾迈斯电子 (XT系列原创者) 始创于2002年, 是一家集设计、研发、制造、销售于一体的**国家级专精特新“小巨人”企业**和**国家级高新技术企业**。专注锂电大电流连接器23年, 深耕汽车级以下小动力智能设备领域。

公司位于江苏省武进区礼嘉工业园, 生产面积12000+平方, 土地拥有独立自主产权, 近300 人的研发、制造及销售团队。百余款连接器产品满足园林工具储能设备、电动车、智能家电、智能机器人及航模无人机等应用场景的连接器需求;同时提供高效的产品研发和生产服务, 为行业客户提供 7A 全周期解决方案。

企业使命: 为智能设备持续降低动力连接综合成本, 助力项目全生命周期运营轻松省心。

Founded in 2002, Amass (the original creator of the XT series) is a national specialized and new "little giant" enterprise and a national high-tech enterprise integrating design, R&D, manufacturing and sales. It has focused on low-voltage DC high-current connectors for 23 years, and deeply cultivated the field of small power intelligent equipment below the automotive grade.

The company is located in Lijia Industrial Park, Wujin District, Jiangsu Province, with a production area of 12,000+ square meters, independent property rights, and a R&D, manufacturing and sales team of nearly 300 people. More than 100 connector products meet the needs of application scenarios such as garden tools, energy storage equipment, electric vehicles, smart home appliances, intelligent robots and model drones; At the same time, it provides efficient product development and production services, and 7A full-cycle solutions for industry customers.

Enterprise mission: to continuously reduce the comprehensive cost of power connection for intelligent equipment, and help the whole life cycle operation of the project to be easy and worry-free.

2002 年
成立时间
FOUNDED

12000 +平
厂房面积
PLANT AREA

10000 +
项目案例
PROJECT EXAMPLES

1000000000 +
累计装机量
CUMULATIVE INSTALLED CAPACITY



一期实拍图

A real shot of the first phase



智慧工厂

Smart Factory



二期（预计2025年投入使用）

Phase II (expected to be put into use in 2025)

企业荣誉 Corporate honors

国家级专精特新“小巨人”企业、国家级高新技术企业

It is a national-level specialized and new "little giant" enterprise and a state-level high-tech enterprise.



资质证书 Qualifications

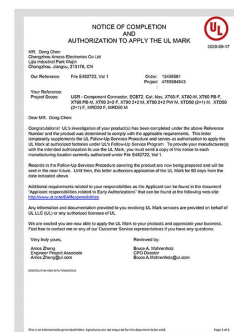
多专利 拥有200+项国家专利证书

Multiple patents. Having over 200 national patent certificates.



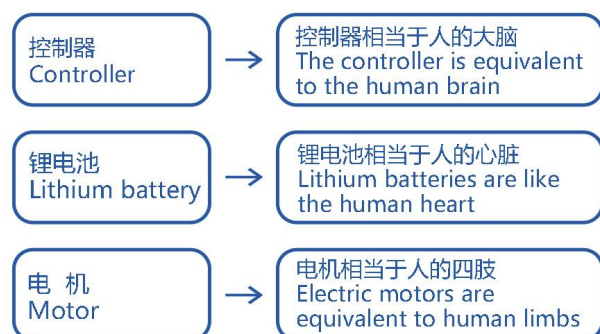
多认证 产品通过UL/CE/ROHS等国际认证

Multi-certification. The products have passed UL/CE/ROHS and other international certifications.



低压直流大电流连接器应用

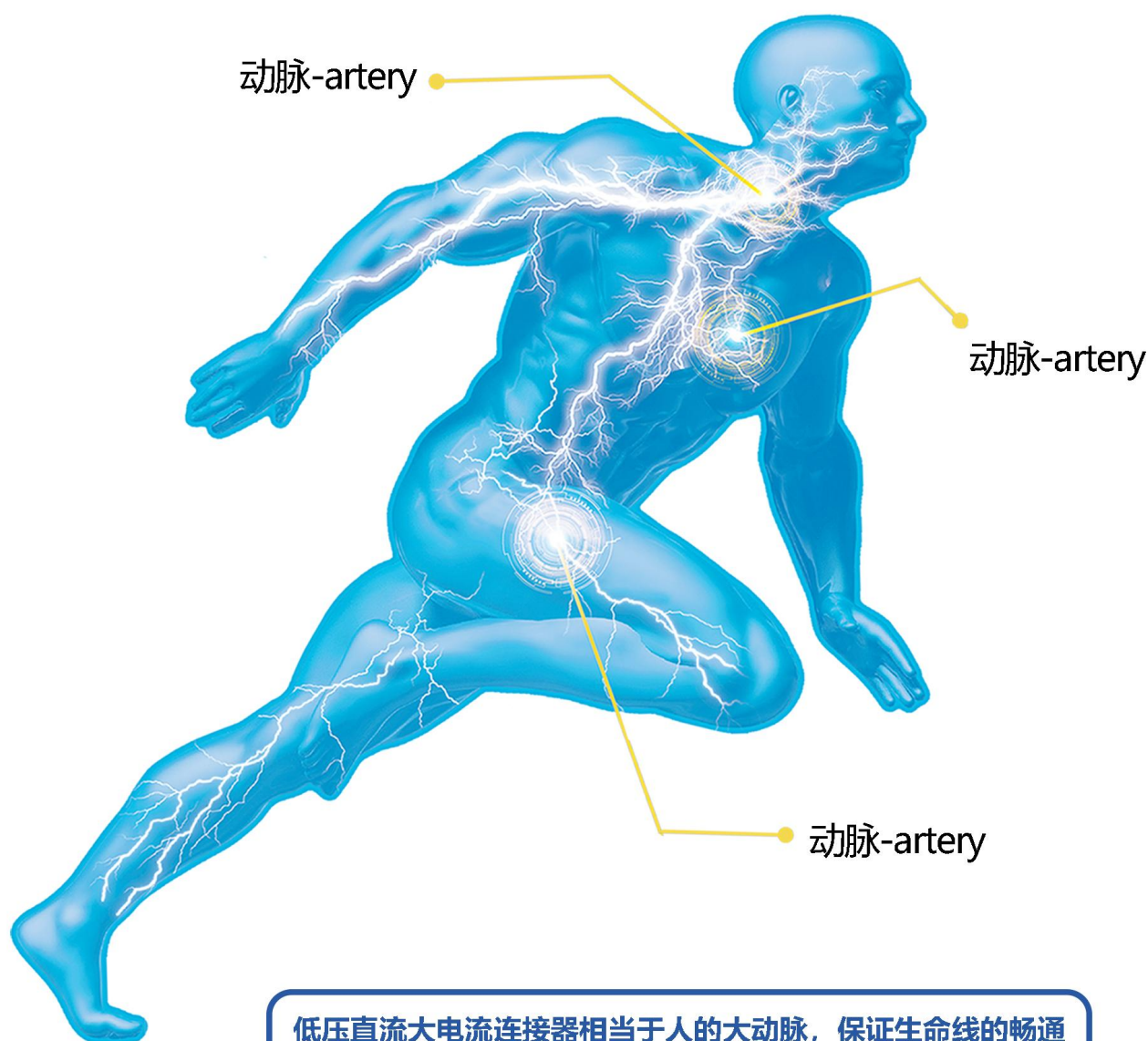
Low-voltage DC high-current connector applications



一站式研发能力

One stop R&D capability

研发能力，23年如一日，专注于低压直流大电流动力连接的技术与经验，只要您提出概念、想法、使用参数等，或者我司现有产品的不足，就可快速的为您提供清晰完整的解决方案。With 23 years of research and development capabilities, we focus on the technology and experience of low-voltage DC high current power connections. As long as you propose concepts, ideas, usage parameters, or the shortcomings of our existing products, we can quickly provide you with clear and complete solutions.



低压直流大电流连接器相当于人的大动脉，保证生命线的畅通
The low-voltage DC high-current connector is equivalent to the human artery to ensure the smooth flow of the lifeline

园林工具 Garden tools

- 吹风机
air blower



- 扫雪机
snowplow



- 推草机
lawn mower



- 高枝锯
High branch saw



电动车 Electric vehicle

- 两轮电动车
Electric vehicle



- 换电柜
Battery swap cabinet



- 平衡车
Balanced vehicle



- 平衡轮
balance wheel



- 电动滑板车
electric scooter



储能设备 Energy storage equipment

- 户外便携式电源
Outdoor portable power supply



- 家庭储能
Home energy storage



- 太阳能路灯
Solar street lamp



- 5G 基站
5G base station



无人机 UAV

- 消费无人机
Consumer drones



- 消防无人机
Firefighting drone



- 植保无人机
Plant protection drone



智能机器人 intelligent robot

- 机器狗
robotic dog



- AGV/AMR



- 商用清扫机器人
Commercial cleaning robot



- 泳池清洁机器人
Swimming pool cleaning robot



- 人形机器人
Humanoid robot



智能家电 Smart home appliance

- 扫地机器人
Robotic vacuum cleaner



- 吸尘器
Vacuum



- 洗地机
Washing machine



- 筋膜枪
Fascia gun



其他 other

- LED灯
LED lamp



- 便携制氧机
Portable oxygen concentrator



- 3D打印机
3D printer



- 化成分容
Chemical fractionation



产品结构及特征 Product Structure and Features features

连接方式 Connection method

线式 Line type



非注塑包胶
Non injection molding
encapsulation



注塑包胶
Injection molding
encapsulation



90°出线
90 ° outgoing line



180°出线
180 ° outgoing line



焊接
Welding



铆压
Crimping

板式 Type



板立式
Vertical board



板卧式
Horizontal Plate



贴片式
Surface mount type

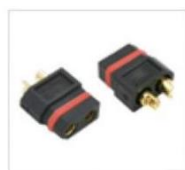


中分式
Middle fraction

功能 Function



防打火
Prevent ignition



防水
waterproof

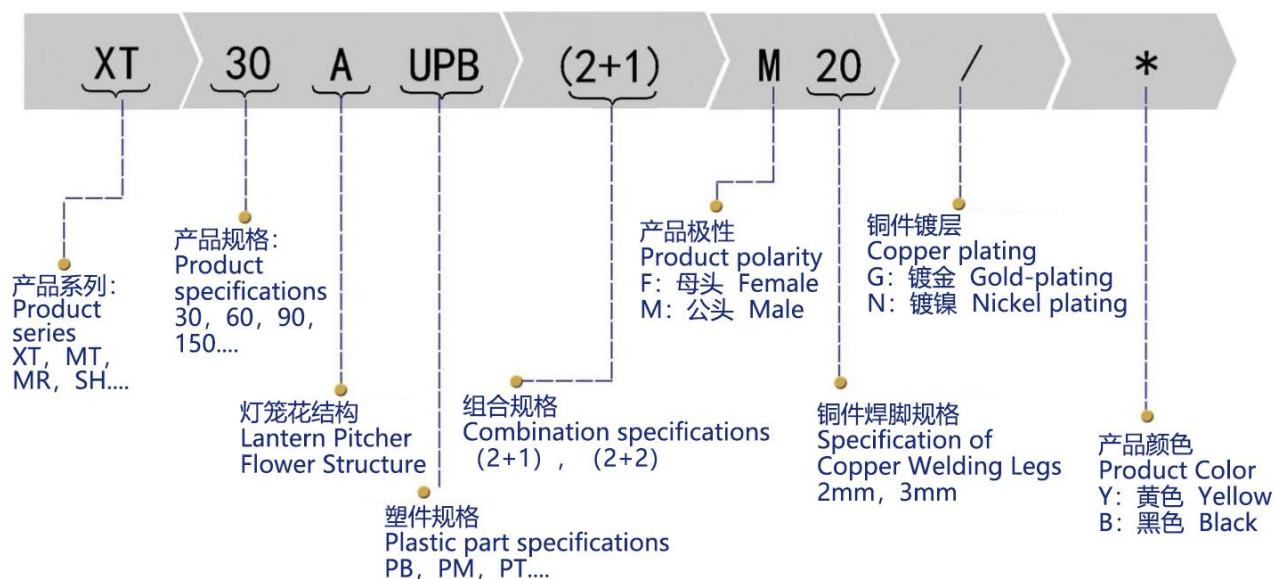


带锁扣
With lock buckle



面板安装
PANEL MOUNT

产品型号说明 Product Model Description

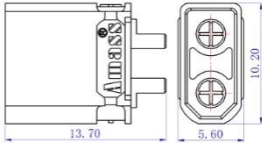
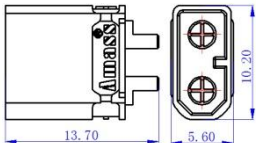


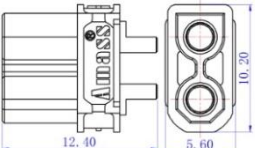
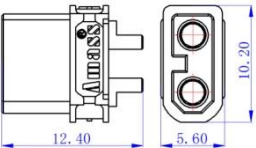
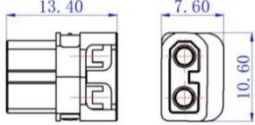
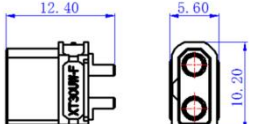
	额定电流 Current rating	产品类别 Product category	页数 Pages	产品图片 Image
常规设备应用 General device applications	5A-20A	2PIN	P09-14	
		3PIN		
		混合 mix		
	20A-40A	2PIN	P15-22	
		3PIN		
		混合 Mix		
		1PIN		
	40A-45A	2PIN	P23-25	
		混合 Mix		
	45A-60A	2PIN	P26-29	
		3PIN		
		混合 Mix		
60A-100A	混合 Mix	P30-32		
	1PIN			
100A-150A	1PIN	P33		
其他 Other	线束 Wiring harnesses	P34		
专用设备应用 Specialized device applications	背负式电池系列 Piggyback battery series	混合 Mix	P36-37	
	仓储式电池专用系列 Special series for storage batteries	混合 Mix	P38	
	高枝管插系列 High branch pipe plug series	3PIN	P39-40	
	变频发电机系列 Inverter generator series	1PIN	P41-42	
	外置电机系列 External motor series	3PIN	P43	
	储能系列 Energy storage series	混合 Mix	P44	

★本样本内产品电流参数以镀金产品数据为准

The current parameters of the products in this sample are subject to the data of gold-plated products

5-20A 2PIN 线式 Line type

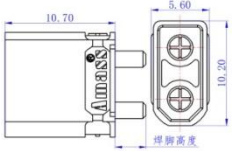
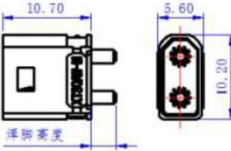
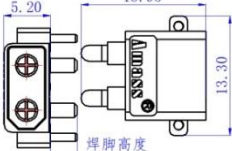
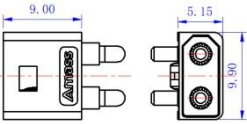
名称	XT30U-M	XT30UD-M		
图片 Picture	180°出线 焊接 180° outlet weld 	180°出线 焊接 180° outlet weld 		
轮廓图 Size				
型号 Item No.	XT30U-M. G. Y 	XT30UD-M. G. Y		
	XT30U-M. N. B 			

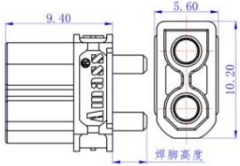
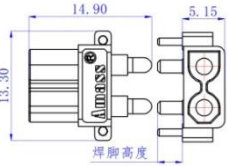
名称	XT30U-F	XT30UD-F	XT30ULW-F	XT30UW-F
图片 Picture			90°出线 焊接 90° outlet weld 	180°出线 180° outlet 
轮廓图 Size				
型号 Item No.	XT30U-F. G. Y 	XT30UD-F. G. Y	XT30ULW-F. G. Y 	XT30UW-F. G. Y
	XT30U-F. N. B 		XT30ULW-F. N. B 	

规格 Specifications [详见产品规格书 Please refer to the product specification for details]

名称 Item No	XT30U	XT30UD	XT30ULW	XT30UW
额定电流 Current rating	20A MAX(16AWG/△<85℃)			
耐电压 Max Voltage	500V DC			
机械寿命 Plug Life	100次 100 times			
防护等级 Protection Level	IP40			
工作温度 Work Temperature	-20℃-120℃			
阻燃等级 Materials Flame Level	UL94-V0			

5-20A 2PIN 板式 Plate

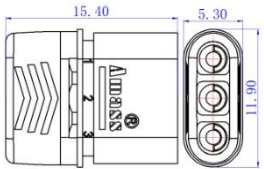
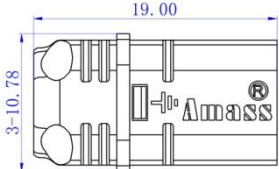
名称	XT30UPB-M	XT30AW-M	XT30PW-M	XT30APW-M
图片 Picture	PCB 板立式 PCB vertical board 	PCB 板立式 PCB vertical board 	PCB 板卧式 PCB board horizontal 	
轮廓图 Size				
型号 Item No.	XT30UPB-M30. G. Y 	XT30AW-M30. G. Y	XT30PW-M20. G. Y 	XT30APW-M30. G. Y
	XT30UPB-M30. N. B 		XT30PW-M30. G. Y 	
			XT30PW-M30. N. B 	

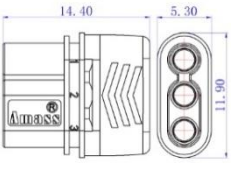
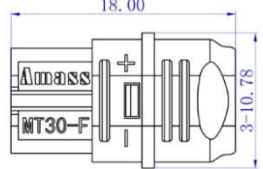
名称	XT30UPB-F		XT30PW-F	
图片 Picture				
轮廓图 Size				
型号 Item No.	XT30UPB-F30. G. Y 		XT30PW-F20. G. Y 	
			XT30PW-F30. G. Y 	

规格 Specifications [详见产品规格书 Please refer to the product specification for details]

名称 Item No	XT30UPB	XT30AW	XT30PW	XT30APW
焊脚高度 Weld leg height	3.0mm		2.0 mm /3.0mm	3.0mm
额定电流 Current rating	20A MAX (△<85℃)			
耐电压 Max Voltage	500V DC			500V DC
机械寿命 Plug Life	100times			
防护等级 Protection Level	IP40			
工作温度 Work Temperature	-20℃~120℃			
阻燃等级 Materials Flame Level	UL94-V0			

5-20A 3PIN 线式 Line Type

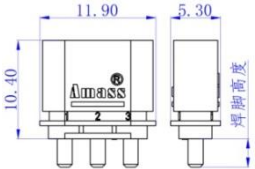
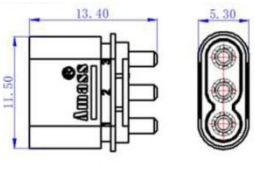
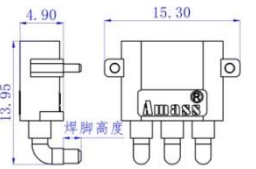
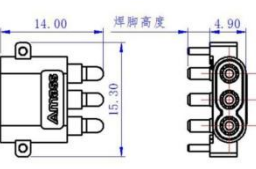
名称	MR30-M	MT30-M
图片 Picture	180°出线 焊接 选配后盖 180 ° outgoing line Welding Optional back cover 	180°出线 焊接 选配后盖 180 ° outgoing line Welding Optional back cover 
轮廓图 Size		
型号 Item No.	MR30-M. G. Y 	MT30-M. G. Y 
	MR30-M. N. B 	MT30-M. N. B 

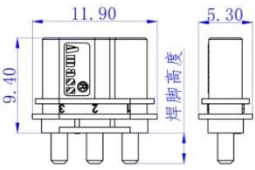
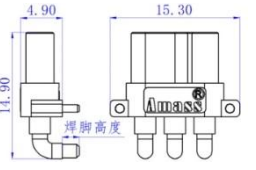
名称	MR30-F	MT30-F
图片 Picture		
轮廓图 Size		
型号 Item No.	MR30-FB. G. Y 	MT30-F. G. Y 
	MR30-FB. N. B 	MT30-F. N. B 

规格 Specifications [详见产品规格书 Please refer to the product specification for details]

名称 Item No	MR30	MT30
额定电流 Current rating	20A MAX(16AWG/△<85℃)	
耐电压 Max Voltage	500V DC	
机械寿命 Plug Life	100 times	
防护等级 Protection Level	IP40	
工作温度 Work Temperature	-20℃-120℃	
阻燃等级 Materials Flame Level	UL94-V0	

5-20A 3PIN 板式 Type

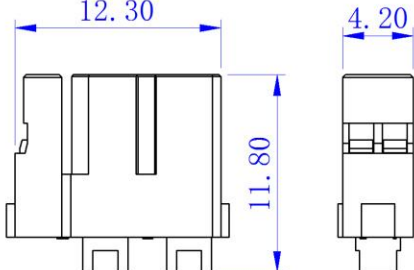
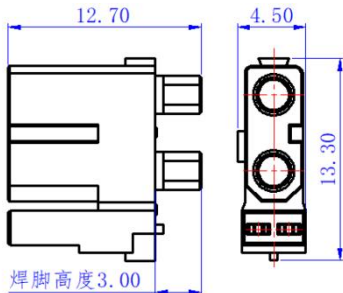
名称	MR30PB-M	MR30PB-M30. A	MR30PW-M	MR30PW-M30. A
图片 Picture	PCB 板立式 PCB vertical board 	PCB 板立式 PCB vertical board 	PCB 板卧式 PCB Horizontal Plate 	PCB 板卧式 PCB Horizontal Plate 
轮廓图 Size				
型号 Item No.	MR30PB-M30. G. Y 	MR30PB-M30. A. G. Y	MR30PW-M20. G. Y 	MR30PW-M30. A. G. Y
	MR30PB-M30. N. B 		MR30PW-M30. G. Y 	

名称	MR30PB-F		MR30PW-F	
图片 Picture				
轮廓图 Size				
型号 Item No.	MR30PB-F30. G. Y 		MR30PW-F20. G. Y 	
			MR30PW-F30. G. Y 	

规格 Specifications [详见产品规格书 Please refer to the product specification for details]

名称 Item No	MR30PB	MR30PB-M30. A	MR30PW	MR30PW-M30. A
焊脚高度 Weld leg height	3. 0mm		2. 0 mm /3. 0mm	3. 0mm
额定电流 Current rating	20A MAX(△<85℃)			
耐电压 Max Voltage	500V DC			
机械寿命 Plug Life	100 times			
防护等级 Protection Level	IP40			
工作温度 Work Temperature	-20℃-120℃			
阻燃等级 Materials Flame Level	UL94-V0			

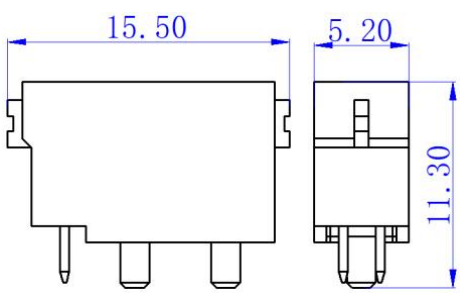
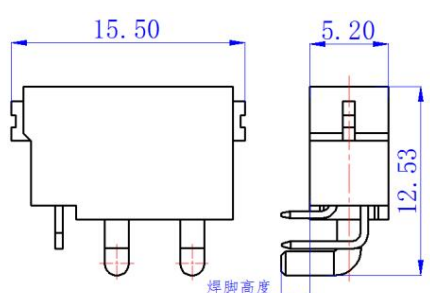
5-20A 混合 Mix 线式 Line type

名称	XT30 (2+2) -F	XT30U (2+2) -F
图片 Picture	90°出线, 焊接 90 ° outgoing line, welding 	180°出线, 焊接 180 ° outgoing line, welding 
轮廓图 Size		
型号 Item No.	XT30 (2+2) -F. G. B	XT30U (2+2) -F. G. B

规格 Specifications [详见产品规格书 Please refer to the product specification for details]

名称 Item No	XT30 (2+2)	XT30U (2+2)
额定电流 Current rating	20A MAX(16AWG/△<85℃) 信号针 Signal pin: 1A	
耐电压 Max Voltage	500V DC	500V DC
机械寿命 Plug Life	100times	100times
防护等级 Protection Level	IP40	
工作温度 Work Temperature	-20℃-120℃	
阻燃等级 Materials Flame Level	UL94-V0	

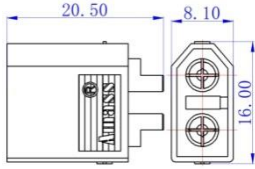
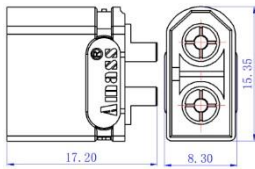
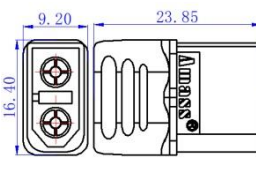
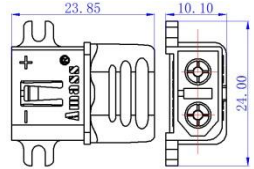
5-20A 混合 Mix 板式 Type

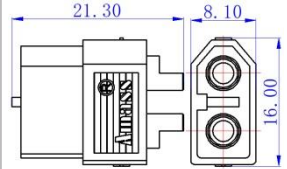
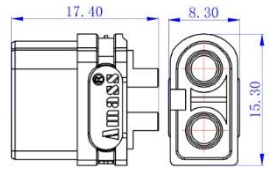
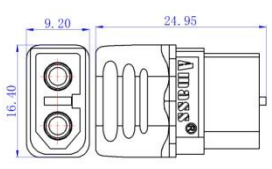
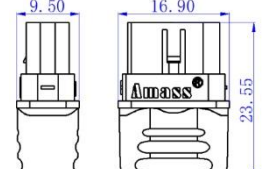
名称	XT30PB (2+2) -M	XT30PW (2+2) -M
图片 Picture	PCB 板立式 PCB Vertical board 	PCB 板卧式 PCB Horizontal Plate 
轮廓图 Size		
型号 Item No.	XT30PB (2+2) -M. G. B	XT30PW (2+2) -M. G. B

规格 Specifications [详见产品规格书 Please refer to the product specification for details]

名称 Item No	XT30PB (2+2)	XT30PW (2+2)
焊脚高度 Weld leg height	3.0mm	
额定电流 Current rating	20A MAX($\Delta < 85^{\circ}\text{C}$) 信号针 Signal pin: 1A	
耐电压 Max Voltage	500V DC	
机械寿命 Plug Life	100times	
防护等级 Protection Level	IP40	
工作温度 Work Temperature	$-20^{\circ}\text{C} - 120^{\circ}\text{C}$	
阻燃等级 Materials Flame Level	UL94-V0	

20-40A 2PIN 线式 Line type

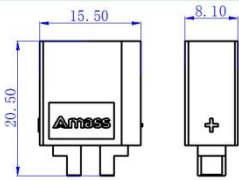
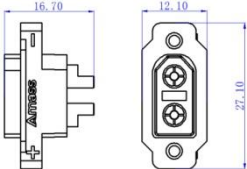
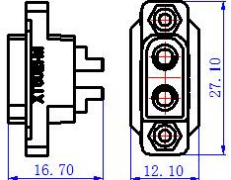
名称	XT60-M	XT60U-M	XT60H-M	XT60L-M
图片 Picture	180°出线 焊接 180 ° outgoing line Welding 	180°出线 焊接 180 ° outgoing line Welding 	180°出线 焊接 选配后盖 180 ° outgoing line Welding Optional back cover 	180°出线 焊接 选配后盖 180 ° outgoing line Welding Optional back cover 
轮廓图 Size				
型号 Item No.	XT60-M. G. Y 	XT60U-M. G. Y 	XT60H-M. G. Y 	XT60L-M. G. Y 
		XT60U-M. N. B 	XT60H-M. N. B 	XT60L-M. N. B 

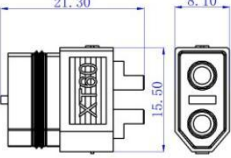
名称	XT60-F	XT60U-F	XT60H-F	XT60L-F
图片 Picture				
轮廓图 Size				
型号 Item No.	XT60-F. G. Y 	XT60U-F. G. Y 	XT60H-F. G. Y 	XT60L-F. G. Y 
		XT60U-F. N. B 	XT60H-F. N. B 	XT60L-F. N. B 

规格 Specifications [详见产品规格书 Please refer to the product specification for details]

名称 Item No	XT60	XT60U	XT60H	XT60L
额定电流 Current rating	35A MAX(12AWG/△<85℃)			
耐电压 Max Voltage	500V DC			
机械寿命 Plug Life	100times			
防护等级 Protection Level	IP40			
工作温度 Work Temperature	-20℃-120℃			
阻燃等级 Materials Flame Level	UL94-V0			

20-40A 2PIN 线式 Line type

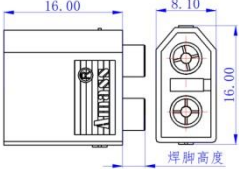
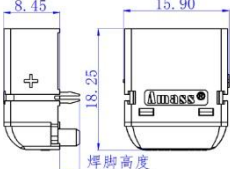
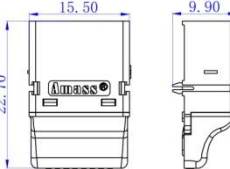
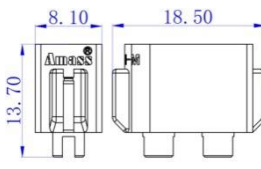
名称	XT60W-M	XT60EW-M	XT60E-M
图片 Picture	180°出线 焊接 防水 180 ° outgoing line Welding Waterproof 	180°出线 面板安装 焊接 防水 180 ° outgoing line Panel Mount Welding Waterproof 	180°出线 面板安装 焊接 180 ° outgoing line Panel Mount Welding 
轮廓图 Size			
型号 Item No.	XT60W-M. G. Y	XT60EW-M. G. B 	XT60E-M. G. Y 
	XT60W-M. G. B		

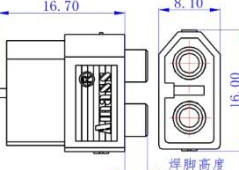
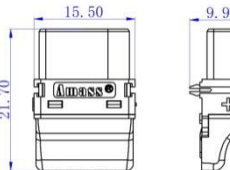
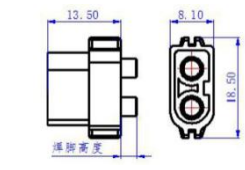
名称	XT60W-F		
图片 Picture			
轮廓图 Size			
型号 Item No.	XT60W-F. G. B 		
	XT60W-F. N. B 		

规格 Specifications [详见产品规格书 Please refer to the product specification for details]

名称 Item No	XT60W	XT60EW	XT60E
额定电流 Current rating	35A MAX(12AWG/△<85℃)		
耐电压 Max Voltage	500V DC		
机械寿命 Plug Life	100times		
防护等级 Protection Level	IP65		IP40
工作温度 Work Temperature	-20℃-120℃		
阻燃等级 Materials Flame Level	UL94-V0		

20-40A 2PIN 板式 Type

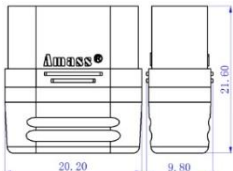
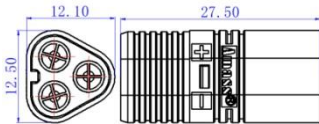
名称	XT60PB-M	XT60PW-M	XT60PT-M	XT60PM-M
图片 Picture	PCB 板立式 PCB Vertical board 	PCB 板卧式选配后盖 PCB Horizontal Plate Optional back cover 	PCB 板贴片式选配后盖 PCB Board mounted type Optional back cover 	PCB 板中分式 PCB Board fraction 
轮廓图 Size				
型号 Item No.	XT60PB-M30. G. Y 	XT60PW-M30. G. Y	XT60PT-M. G. Y 	XT60PM-M. G. Y
	XT60PB-M30. N. B 			

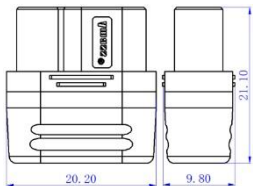
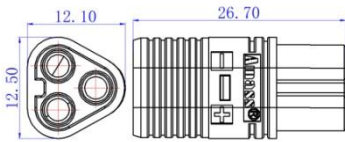
名称	XT60PB-F	XT60PW-F	XT60PT-F	XT60PM-F
图片 Picture				
轮廓图 Size				
型号 Item No.	XT60PB-F30. G. Y 	XT60PW-F30. G. Y	XT60PT-F. G. Y 	XT60PM-F. G. Y
	XT60PB-F30. N. B 			

规格 Specifications [详见产品规格书 Please refer to the product specification for details]

名称 Item No	XT60PB	XT60PW	XT60PT	XT60PM
焊脚高度 Weld leg height	3.0mm			
额定电流 Current rating	35A MAX ($\Delta < 85^{\circ}\text{C}$)			
耐电压 Max Voltage	500V DC			
机械寿命 Plug Life	100 times			
防护等级 Protection Level	IP40			
工作温度 Work Temperature	$-20^{\circ}\text{C} \sim 120^{\circ}\text{C}$			
阻燃等级 Materials Flame Level	UL94-V0			

20-40A 3PIN 线式 Line Type

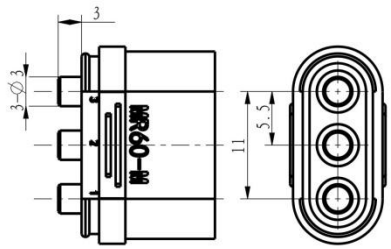
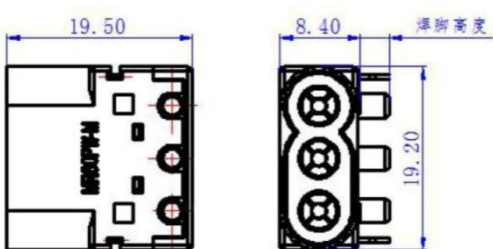
名称	MR60-M	MT60-M
图片 Picture	180°出线焊接 选配后盖 180 ° Line welding Optional back cover 	180°出线焊接 选配后盖 180 ° Line welding Optional back cover 
轮廓图 Size		
型号 Item No.	MR60-M. G. Y 	MT60-M. G. Y 
	MR60-M. N. B 	MT60-M. G. B 
		MT60-M. N. B 

名称	MR60-F	MT60-F
图片 Picture		
轮廓图 Size		
型号 Item No.	MR60-F. G. Y 	MT60-F. G. Y 
	MR60-F. N. B 	MT60-F. G. B 
		MT60-F. N. B 

规格 Specifications [详见产品规格书 Please refer to the product specification for details]

名称 Item No	MR60	MT60
额定电流 Current rating	35A MAX(12AWG/△<85℃)	
耐电压 Max Voltage	500V DC	
机械寿命 Plug Life	100 times	
防护等级 Protection Level	IP40	
工作温度 Work Temperature	-20℃-120℃	
阻燃等级 Materials Flame Level	UL94-V0	

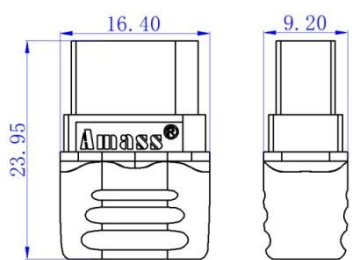
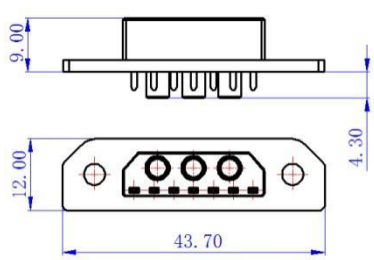
20-40A 3PIN 板式 Type

名称	MR60PB-M	MR60PW-M
图片 Picture	PCB 板立式 PCB Vertical board 	PCB 板卧式 PCB Horizontal Plate 
轮廓图 Size		
型号 Item No.	MR60PB-M. G. Y	MR60PW-M. G. Y

规格 Specifications [详见产品规格书 Please refer to the product specification for details]

名称 Item No	MR60PB	MR60PW
焊脚高度 Weld leg height	3.0mm	
额定电流 Current rating	20A MAX($\Delta < 85^{\circ}\text{C}$)	
耐电压 Max Voltage	500V DC	
机械寿命 Plug Life	100 times	
防护等级 Protection Level	IP40	
工作温度 Work Temperature	$-20^{\circ}\text{C} - 120^{\circ}\text{C}$	
阻燃等级 Materials Flame Level	UL94-V0	

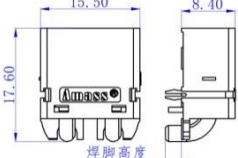
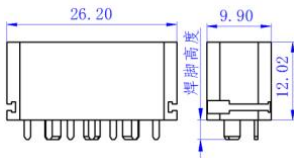
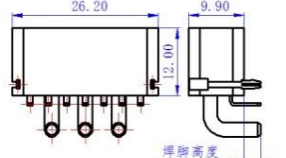
20-40A 混合 Mix 线式 Line Type

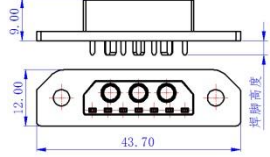
名称	XT60 (2+1) -F	ICM150S17S-F
图片 Picture	180°出线 焊接 选配后盖 180 ° Line welding Optional back cover 	180°出线 焊接 180 ° Line welding 
轮廓图 Size		
型号 Item No.	XT60 (2+1) -F. G. 0	ICM150S17S-F. G. B 
	XT60 (2+1) -F. N. B	

规格 Specifications [详见产品规格书 Please refer to the product specification for details]

名称 Item No	XT60 (2+1)	ICM150S17S
额定电流 Current rating	35A MAX (12AWG/△<85℃) 信号针 Signal pin: 1A	20A MAX (18AWG/△<85℃)
耐电压 Max Voltage	500V DC	
机械寿命 Plug Life	100 times	
防护等级 Protection Level	IP40	
工作温度 Work Temperature	-20℃-120℃	
阻燃等级 Materials Flame Level	UL94-V0	

20-40A 混合 Mix 板式 Type

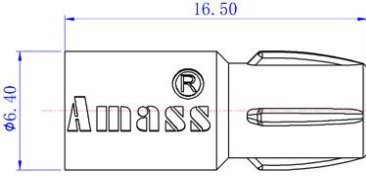
名称	XT60PW (2+1) -M	ICM150S17PB-M	ICM150S17PW-M
图片 Picture	PCB 板卧式 PCB Horizontal Plate 	PCB 板立式 PCB Vertical board 	PCB 板卧式 PCB Horizontal Plate 
轮廓图 Size			
型号 Item No.	XT60PW (2+1) -M. G. 0	ICM150S17PB-M. G. B 	ICM150S17PW-M. G. B 
	XT60PW (2+1) -M. N. B		

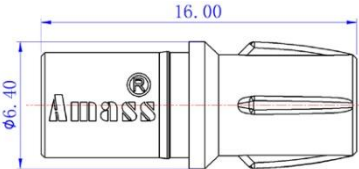
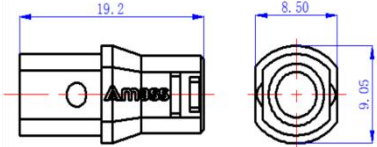
名称		ICM150S17PB-F	
图片 Picture			
轮廓图 Size			
型号 Item No.		ICM150S17PB-F. G. B 	

规格 Specifications [详见产品规格书 Please refer to the product specification for details]

名称 Item No	XT60PW (2+1)	ICM150S17PB	ICM150S17PW
焊脚高度 Weld leg height	2.5mm	3.0mm	
额定电流 Current rating	35A MAX ($\Delta < 85^{\circ}\text{C}$) 信号针 Signal pin: 1A		20A MAX ($\Delta < 85^{\circ}\text{C}$)
耐电压 Max Voltage	500V DC		500V DC
机械寿命 Plug Life	100 times		
防护等级 Protection Level	IP40		
工作温度 Work Temperature	$-20^{\circ}\text{C} \sim 120^{\circ}\text{C}$		
阻燃等级 Materials Flame Level	UL94-V0		

20-40A 1PIN 线式 Line Type

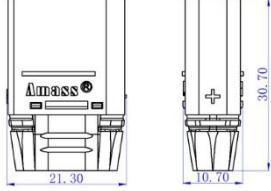
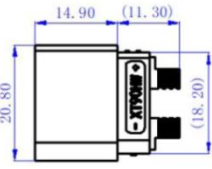
名称	SH3. 5-M	SH4. 0U-M
图片 Picture	180°出线 焊接 180 ° Line welding 	180°出线 焊接 180 ° Line welding 
轮廓图 Size		
型号 Item No.	SH3. 5-M. G. B 	SH4. 0U-M. N. B 

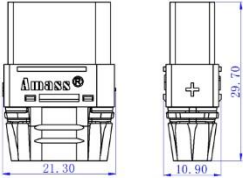
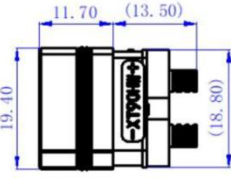
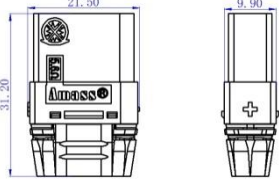
名称	SH3. 5-F	SH4. 0U-F
图片 Picture		
轮廓图 Size		
型号 Item No.	SH3. 5-F. G. B 	SH4. 0U-F. N. B 

规格 Specifications [详见产品规格书 Please refer to the product specification for details]

名称 Item No	SH3. 5	SH4. 0U
额定电流 Current rating	30A MAX (14AWG/△<85℃)	45A MAX (12AWG/△<85℃)
耐电压 Max Voltage	500V DC	
机械寿命 Plug Life	100 times	
防护等级 Protection Level	IP40	
工作温度 Work Temperature	-20℃-120℃	
阻燃等级 Materials Flame Level	UL94-V2	UL94-V0

40-45A 2PIN 线式 Line Type

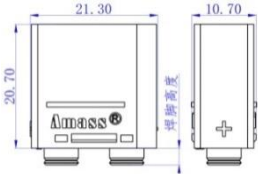
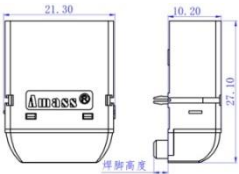
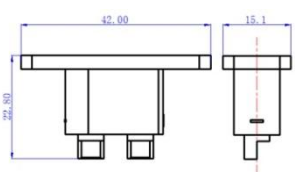
名称	XT90H-M	XT90HW-M	
图片 Picture	180°出线焊接 接 选配后盖 180 ° Line welding Optional back cover 		
轮廓图 Size			
型号 Item No.	XT90H-M. G. Y 	XT90HW-M. G. Y	
	XT90H-M. N. B 		

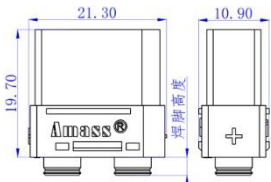
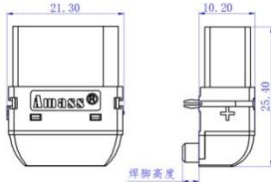
名称	XT90H-F	XT90HW-F	XT90S-F
图片 Picture		180°出线焊接 防水 180 ° Line welding Waterproof 	180°出线焊接 防打火 选配后盖 180 ° Line welding Prevent ignition Optional back cover 
轮廓图 Size			
型号 Item No.	XT90H-F. G. Y 	XT90HW-F. G. Y	XT90S-F. G. Y 
	XT90H-F. N. B 		

规格 Specifications [详见产品规格书 Please refer to the product specification for details]

名称 Item No	XT90H	XT90HW	XT90S
焊脚高度 Weld leg height	2.5mm	3.0mm	
额定电流 Current rating	45A MAX (10AWG △<85℃)		
耐电压 Max Voltage	500V DC		
机械寿命 Plug Life	100 times		
防护等级 Protection Level	IP40	IP67	IP40
工作温度 Work Temperature	-20℃-120℃		
阻燃等级 Materials Flame Level	UL94-V0		

40-45A 2PIN 板式 Type

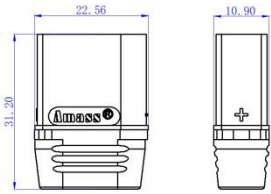
名称	XT90PB-M	XT90PW-M	XT90E-M
图片 Picture	PCB 板立式 PCB Vertical board 	PCB 板卧式 PCB Horizontal Plate 	180°出线 面板安装 焊接 180° outgoing line Panel mount Welding 
轮廓图 Size			
型号 Item No.	XT90PB-M30. G. Y 	XT90PW-M30. G. Y 	XT90E-M. G. B
	XT90PB-M30. N. B 	XT90PW-M30. N. B 	

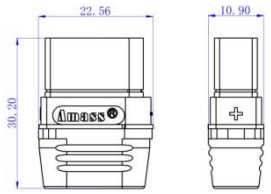
名称	XT90PB-F	XT90PW-F	
图片 Picture			
轮廓图 Size			
型号 Item No.	XT90PB-F30. G. Y 	XT90PW-F30. G. Y 	
	XT90PB-F30. N. B 		

规格 Specifications [详见产品规格书 Please refer to the product specification for details]

名称 Item No	XT90PB	XT90PW	XT90E
焊脚高度 Weld leg height	3.0mm		
额定电流 Current rating	45A MAX($\Delta < 85^{\circ}\text{C}$)		
耐电压 Max Voltage	500V DC		
机械寿命 Plug Life	100 times		
防护等级 Protection Level	IP40		
工作温度 Work Temperature	$-20^{\circ}\text{C} \sim 120^{\circ}\text{C}$		
阻燃等级 Materials Flame Level	UL94-V0		

40-45A 混合 Mix 线式 Line Type

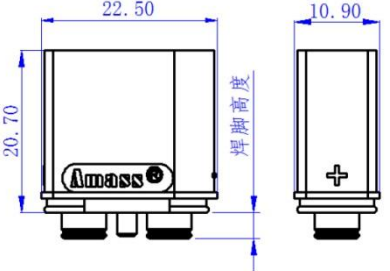
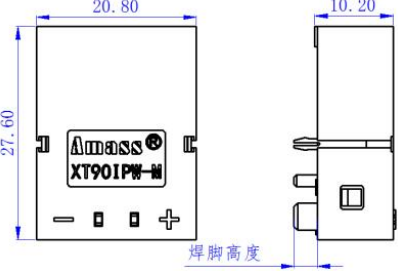
名称	XT90 (2+2) -M
图片 Picture	180°出线焊接 选配后盖 180 ° Line welding Optional back cover 
轮廓图 Size	
型号 Item No.	XT90 (2+2) -M. G. Y 

名称	XT90 (2+2) -F
图片 Picture	
轮廓图 Size	
型号 Item No.	XT90 (2+2) -F. G. Y 

规格 Specifications [详见产品规格书 Please refer to the product specification for details]

名称 Item No	XT90 (2+2)
额定电流 Current rating	45A MAX(10AWG/△<85℃) 信号针 Signal pin: 1A
耐电压 Max Voltage	500V DC
机械寿命 Plug Life	100 times
防护等级 Protection Level	IP40
工作温度 Work Temperature	-20℃-120℃
阻燃等级 Materials Flame Level	UL94-V0

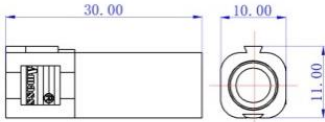
45-60A 1PIN 线式 Line Type

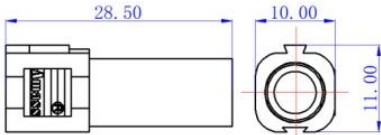
名称	XT90PB (2+2) -M	XT90PW (2+2) -M
图片 Picture	PCB 板立式 PCB Vertical board 	PCB 板卧式 PCB Horizontal Plate 
轮廓图 Size		
型号 Item No.	XT90PB (2+2) -M. G. Y	XT90PW (2+2) -M. G. Y

规格 Specifications [详见产品规格书 Please refer to the product specification for details]

名称 Item No	XT90PB (2+2)	XT90PW (2+2)
焊脚高度 Weld leg height	3.3mm	2.8mm
额定电流 Current rating	45A MAX($\Delta < 85^{\circ}\text{C}$) 信号针 Signal pin: 1A	
耐电压 Max Voltage	500V DC	
机械寿命 Plug Life	100 times	
防护等级 Protection Level	IP40	
工作温度 Work Temperature	$-20^{\circ}\text{C} \sim 120^{\circ}\text{C}$	
阻燃等级 Materials Flame Level	UL94-V0	

45-60A 1PIN 线式 Line Type

名称	XT150-M
图片 Picture	180°出线 焊接 180 ° Line welding 
轮廓图 Size	
型号 Item No.	XT150-M. G. R
	XT150-M. G. B
	XT150-M. G. BL
	XT150-M. G. Y

名称	XT150-F
图片 Picture	
轮廓图 Size	
型号 Item No.	XT150-F. G. R
	XT150-F. G. B
	XT150-F. G. BL
	XT150-F. G. Y

规格 Specifications [详见产品规格书 Please refer to the product specification for details]

名称 Item No	XT150
额定电流 Current rating	60A MAX (8AWG/△<85℃)
耐电压 Max Voltage	500V DC
机械寿命 Plug Life	100 times
防护等级 Protection Level	IP40
工作温度 Work Temperature	-20℃-120℃
阻燃等级 Materials Flame Level	UL94-V2

45-60A 混合 Mix 线式 Line Type

名称	MXE100 (2+2) -M	MXE100 (2+4) -M
图片 Picture	180°注塑包胶线焊接 Welding of 180 ° injection molding encapsulation line 	180°注塑包胶线焊接 Welding of 180 ° injection molding encapsulation line 
轮廓图 Size		
型号 Item No.		MXE100 (2+4) -M. G. B

名称	MXE100 (2+2) -F	MXE100 (2+4) -F
图片 Picture		
轮廓图 Size		
型号 Item No.		MXE100 (2+4) -F. G. B

规格 Specifications [详见产品规格书 Please refer to the product specification for details]

名称 Item No	MXE100 (2+2)	MXE100 (2+4)
额定电流 Current rating		
耐电压 Max Voltage		
机械寿命 Plug Life		
防护等级 Protection Level		
工作温度 Work Temperature		
阻燃等级 Materials Flame Level		

45-60A 混合 Mix 线式 Line Type

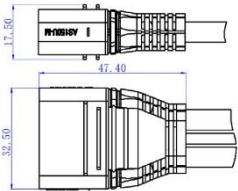
名称	XT120 (2+2) -M	XT120 (2+4) -M	AS120-M
图片 Picture	180°出线焊接 选配后盖 180 ° outgoing welding Optional back cover	180°出线焊接 选配后盖 180 ° outgoing welding Optional back cover	180°出线焊接 防打火 选配后盖 180 ° outgoing welding Prevent ignition Optional back cover
轮廓图 Size			
型号 Item No.	XT120 (2+2) -M. S. Y	XT120 (2+2) -M. G. Y	AS120 (2+4) -M. G. Y

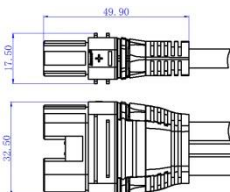
名称	XT120 (2+2) -F	XT120 (2+4) -F	AS120-F
图片 Picture			
轮廓图 Size			
型号 Item No.	XT120 (2+2) -F. S. Y	XT120 (2+4) -F. G. Y	AS120 (2+4) -F. G. Y

规格 Specifications [详见产品规格书 Please refer to the product specification for details]

名称 Item No	XT120 (2+2)	XT120 (2+4)	AS120 (2+4)
额定电流 Current rating	60A MAX(8AWG/△<85℃) 信号针 Signal pin: 1A		500V, 防打火电压 5.6mΩ 36V “
耐电压 Max Voltage	500V DC		500V DC
机械寿命 Plug Life	100 times		
防护等级 Protection Level	IP40		
工作温度 Work Temperature	-20℃-120℃		
阻燃等级 Materials Flame Level	UL94-V0		

60-100A 混合 Mix 线式 Line Type

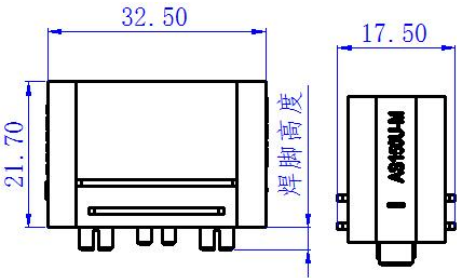
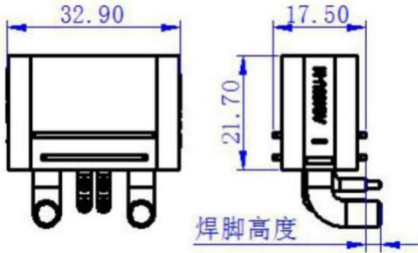
名称	AS150U-M
图片 Picture	180°出线 焊接 防打火 180 ° outgoing welding Prevent ignition 
轮廓图 Size	
型号 Item No.	AS150U-M. G. Y

名称	AS150U-F
图片 Picture	
轮廓图 Size	
型号 Item No.	AS150U-F. G. Y

规格 Specifications [详见产品规格书 Please refer to the product specification for details]

名称 Item No	AS150U
额定电流 Current rating	75A MAX(8AWG/△<85℃) 信号针 Signal pin: 1A
耐电压 Max Voltage	500V, 防打火电压 Anti ignition voltage 5.6mΩ 36V “
机械寿命 Plug Life	100 times
防护等级 Protection Level	IP40
工作温度 Work Temperature	-20℃-120℃
阻燃等级 Materials Flame Level	UL94-V2

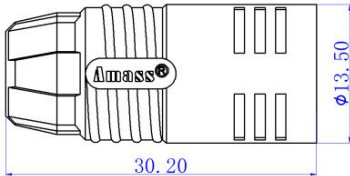
60-100A 混合 Mix 板式 Type

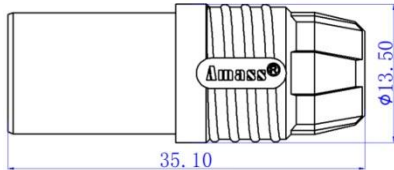
名称	AS150UPB-M	AS150UPW-M
图片 Picture	PCB 板立式 PCB Vertical board 	PCB 板卧式 PCB Horizontal Plate 
轮廓图 Size		
型号 Item No.	AS150UPB-M. G. Y	AS150UPW-M. G. Y

规格 Specifications [详见产品规格书 Please refer to the product specification for details]

名称 Item No	AS150UPB	AS150UPW
焊脚高度 Weld leg height	3.3mm	
额定电流 Current rating	75A MAX($\Delta < 85^{\circ}\text{C}$) 信号针 Signal pin: 1A	
耐电压 Max Voltage	500V, 防打火电压 Anti ignition voltage 5.6m Ω 36V “	
机械寿命 Plug Life	100 times	
防护等级 Protection Level	IP40	
工作温度 Work Temperature	-20 $^{\circ}\text{C}$ -120 $^{\circ}\text{C}$	
阻燃等级 Flame retardant	UL94-V0	

60-100A 1PIN 线式 Line Type

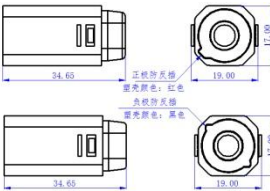
名称	AS150-M
图片 Picture	180°出线焊接 180 ° outgoing welding 
轮廓图 Size	
型号 Item No.	AS150-M. G. R
	AS150-M. G. B

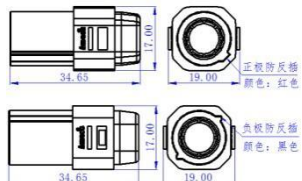
名称	AS150-F
图片 Picture	
轮廓图 Size	
型号 Item No.	AS150-F. G. R
	AS150-F. G. B

规格 Specifications [详见产品规格书 Please refer to the product specification for details]

名称 Item No	AS150
额定电流 Current rating	75A MAX(8AWG/△<85℃) 信号针 Signal pin: 1A
耐电压 Max Voltage	500V, 防打火电压 Anti ignition voltage 5.6mΩ 36V “
机械寿命 Plug Life	100 times
防护等级 Protection Level	IP40
工作温度 Work Temperature	-20℃-120℃
阻燃等级 Materials Flame Level	UL94-V2

100-150A 1PIN 线式 Line Type

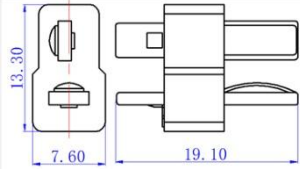
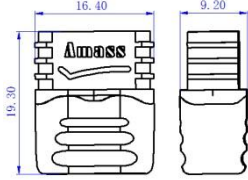
名称	AS250-1-M
图片 Picture	180°出线 焊接 选配后盖 180 ° outgoing line Welding Optional back cover 
轮廓图 Size	
型号 Item No.	AS250-1-M. S. R
	AS250-1-M. S. B

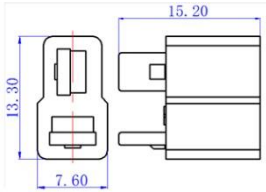
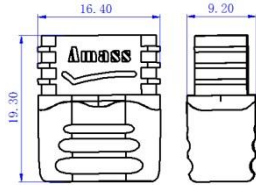
名称	AS250-1-F
图片 Picture	
轮廓图 Size	
型号 Item No.	AS250-1-F. S. R
	AS250-1-F. S. B

规格 Specifications [详见产品规格书 Please refer to the product specification for details]

名称 Item No	AS250-1
额定电流 Current rating	125A MAX (6AWG/△<85℃)
耐电压 Max Voltage	500V DC
机械寿命 Plug Life	100 times
防护等级 Protection Level	IP40
工作温度 Work Temperature	-20℃~120℃
阻燃等级 Materials Flame Level	UL94-V0

其他系列 Other series 2PIN 线式 Line Type

名称	AM-1015-M	AM-1015E-M
图片 Picture	180°出线 焊接 180 ° outgoing line Welding 	180°出线焊接 选配后盖 180 ° outgoing line Welding Optional back cover 
轮廓图 Size		
型号 Item No.	AM-1015-M. G. R	AM-1015E-M. G. R

名称	AM-1015-F	AM-1015E-F
图片 Picture		
轮廓图 Size		
型号 Item No.	AM-1015-F. G. R	AM-1015E-F. G. R

规格 Specifications [详见产品规格书 Please refer to the product specification for details]

名称 Item No	AM-1015	AM-1015E
额定电流 Current rating	20A MAX(16AWG/△<85℃)	
耐电压 Max Voltage	500V DC	
机械寿命 Plug Life	100 times	
防护等级 Protection Level	IP40	
工作温度 Work Temperature	-20℃-120℃	
阻燃等级 Materials Flame Level	UL94-V0	

常规设备应用配件详情

General Equipment Application Accessories Details

对应成品名称 Item No	配件名称 The name of the accessory	配件编码 Accessory code	配件图片 Image
MR30	后盖 银灰 Back cover Silver gray	40160010785	
MT30	后盖 黄 Back cover Yellow	40160010655	
XT60H	后盖 银灰 Back cover Silver gray	40160010775	
XT60L			
AM-1015E			
XT60 (2+1)	后盖 银灰 Back cover Silver gray	40160010863	
MT60	后盖 黄 Back cover Yellow	40160010773	
	后盖 黑 Back cover Black	40160010904	
MR60	后盖 银灰 Back cover Silver gray	40160010747	
XT90H	后盖 黄 Back cover Yellow	40160010797	
XT90S			
XT90 (2+2)	后盖 黄 Back cover Yellow	40160010797	
XT120 (2+2)	后盖 黄 Back cover Yellow	40160010932	
AS120			

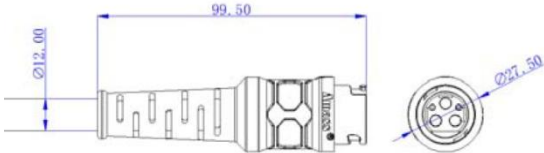
背负式电池专用系列

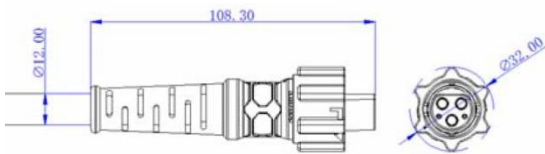
Backpack Battery Special Series



背负式电池专用系列

Backpack Battery Special Series

名称	MXE120 (3+2) -M
图片 Picture	180°注塑包胶线焊接 Welding of 180 ° injection molding encapsulation line 
轮廓图 Size	
型号 Item No.	MXE120 (3+2) -M. S. B

名称	MXE120 (3+2) -F
图片 Picture	
轮廓图 Size	
型号 Item No.	MXE120 (3+2) -F. S. B

规格 Specifications [详见产品规格书 Please refer to the product specification for details]	
名称 Item No	MXE120 (3+2)
额定电流 Current rating	100A MAX (16AWG/△<85℃)
耐电压 Max Voltage	500V DC
机械寿命 Plug Life	100 times
防护等级 Protection Level	IP40
工作温度 Work Temperature	-20℃-120℃
阻燃等级 Materials Flame Level	?

仓储式电池专用系列

Storage battery special series

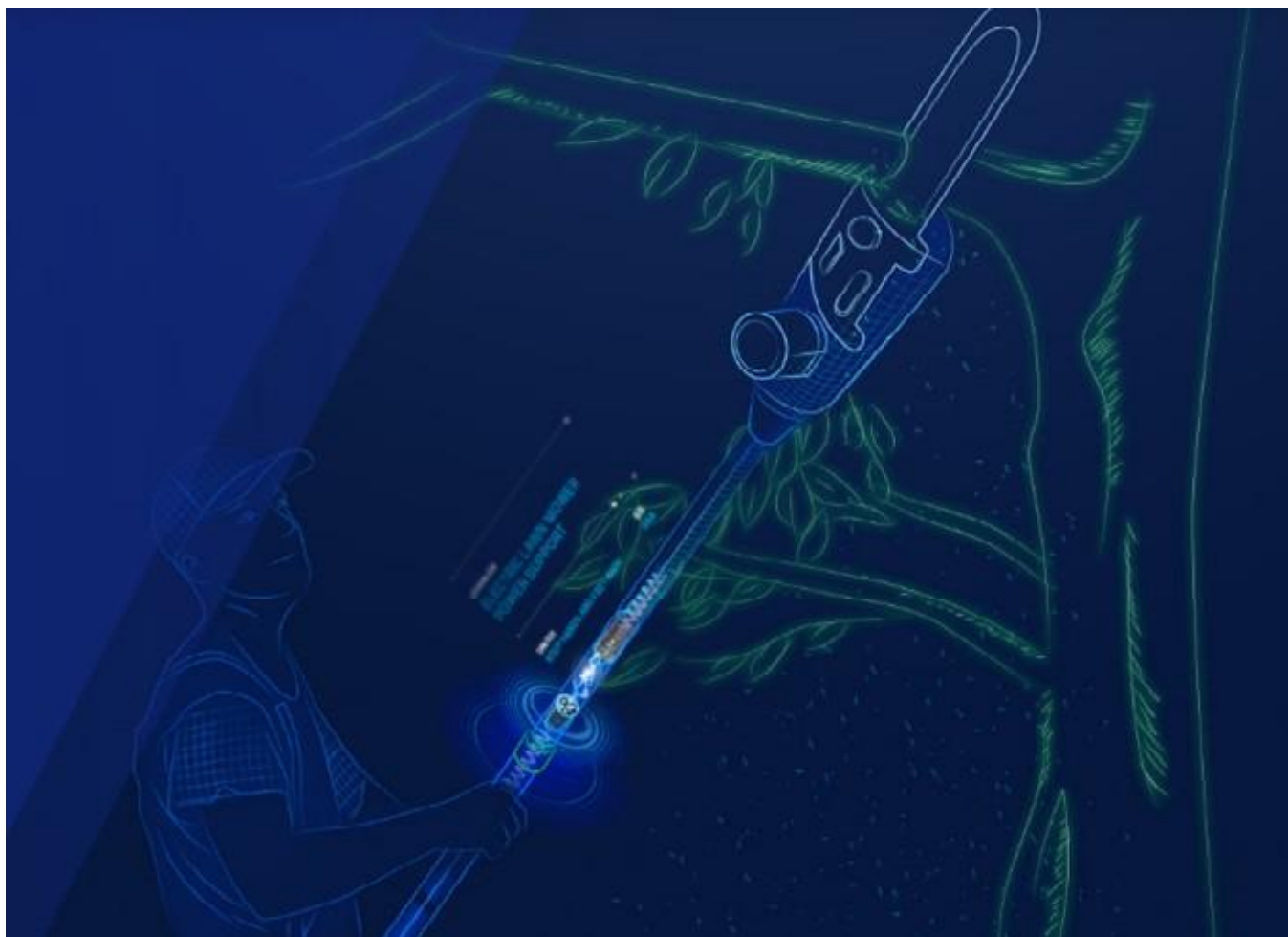
名称	D-1489-M
图片 Picture	180°注塑包胶线焊接 Welding of 180 ° injection molding encapsulation line 
轮廓图 Size	
型号 Item No.	

名称	D-1489-F
图片 Picture	
轮廓图 Size	
型号 Item No.	

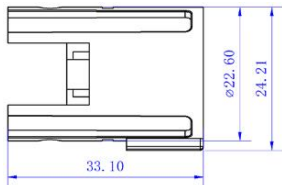
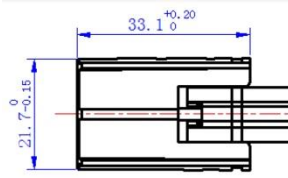
规格 Specifications [详见产品规格书 Please refer to the product specification for details]	
名称 Item No	D-1489
额定电流 Current rating	35A MAX(16AWG/△<85℃)
耐电压 Max Voltage	500V DC
机械寿命 Plug Life	100 times
防护等级 Protection Level	IP40
工作温度 Work Temperature	-20℃-120℃
阻燃等级 Materials Flame Level	?

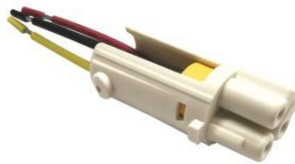
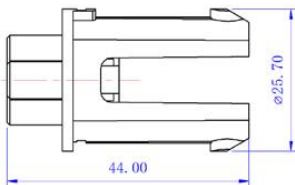
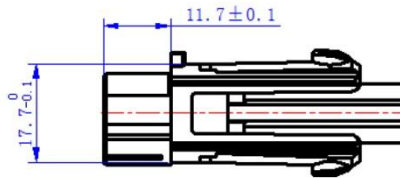
高枝类管插专用系列

High branch pipe plug special series



高枝类管插系列 High-branch tube plug series 3PIN

名称	MCE60-M	D-1495-M
图片 Picture		
轮廓图 Size		
型号 Item No.	MCE60-M. N. B	D-1495-M

名称	MCE60-F	D-1495-F
图片 Picture		
轮廓图 Size		
型号 Item No.	MCE60-F. N. B	D-1495-F

规格 Specifications [详见产品规格书 Please refer to the product specification for details]

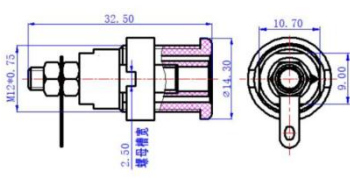
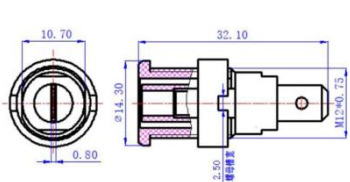
名称 Item No	MCE60	D-1495
额定电流 Current rating	?	
耐电压 Max Voltage	500V DC	
机械寿命 Plug Life	100 times	
防护等级 Protection Level	IP40	
工作温度 Work Temperature	-20℃-120℃	
阻燃等级 Materials Flame Level	?	

变频发电机专用系列

Specialized series for variable frequency generators



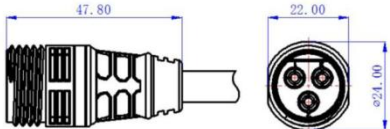
变频发电机专用系列 1PIN 线式 Line type Specialized series for variable frequency generators

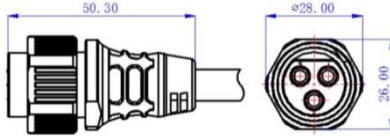
名称	24. 301	24. 302	25. 503
图片 Picture			
轮廓图 Size			
型号 Item No.	24. 301. 1	24. 302. 1	25. 503. 1
	24. 301. 2	24. 302. 2	25. 503. 2

规格 Specifications [详见产品规格书 Please refer to the product specification for details]

名称 Item No	24. 301	24. 302	25. 503
额定电流 Current rating	30 MAX (12WG/△<85℃)		
耐电压 Max Voltage	600V DC		
机械寿命 Plug Life	100 times		
防护等级 Protection Level	IP40		
工作温度 Work Temperature	-20℃-120℃		
阻燃等级 Materials Flame Level	--		

骑式割草机刀盘电机专用系列 3PIN 线式 Line type Riding lawn mower disc motor special series

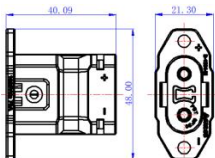
名称	D-1486-M	D-1503-M
图片 Picture	180°注塑包胶线焊接 Welding of 180 ° injection molding encapsulation line 	180°注塑包胶线焊接 Welding of 180 ° injection molding encapsulation line 
轮廓图 Size		
型号 Item No.		

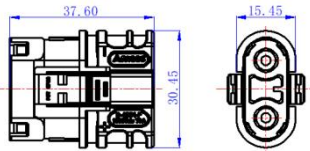
名称	D-1486-F	D-1503-F
图片 Picture		
轮廓图 Size		
型号 Item No.		

规格 Specifications [详见产品规格书 Please refer to the product specification for details]

名称 Item No	D-1486	D-1503
额定电流 Current rating		40A MAX (12AWG/△<85℃)
耐电压 Max Voltage		500V DC
机械寿命 Plug Life	100 times	
防护等级 Protection Level		IP66
工作温度 Work Temperature	-20℃-120℃	
阻燃等级 Materials Flame Level	UL94-V0	

储能设备专用高压系列 混合插 Mixed insertion 线式 Line type
High voltage series dedicated to energy storage equipment

名称	D-1554-M
图片 Picture	
轮廓图 Size	
型号 Item No.	D-1554-M. S. B

名称	D-1554-F
图片 Picture	
轮廓图 Size	
型号 Item No.	D-1554-F. S. B

规格 Specifications [详见产品规格书 Please refer to the product specification for details]

名称 Item No	D-1554
额定电流 Current rating	70A MAX (8AWG/△<45℃)
耐电压 Max Voltage	1000V DC
机械寿命 Plug Life	100 times
防护等级 Protection Level	--
工作温度 Work Temperature	-20℃-120℃
阻燃等级 Materials Flame Level	UL94-V0



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