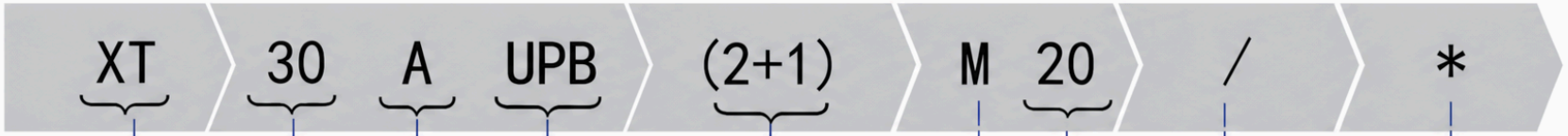
Model Description of Amass Products



Product Series:
XT, MT,
MR, SH....

Product Specification:
30, 60,
90, 150...

Lantern Spring Contact

Insulator Specification:
PB, PM, PT.....

Contact Arrangement:
(2+1), (2+2) ...

Connector Gender:
-F=Female (Socket)
-M=Male (Plug)

Solder Tail Specification:
2mm, 3mm

Contact Plating:
G=Gold Plated,
N=Nickel Plated...

Product Color:
Y=Yellow,
B=Black....

XT30AW-M Product Specification

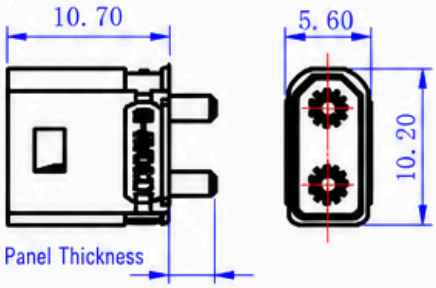


XT30AW Series Products

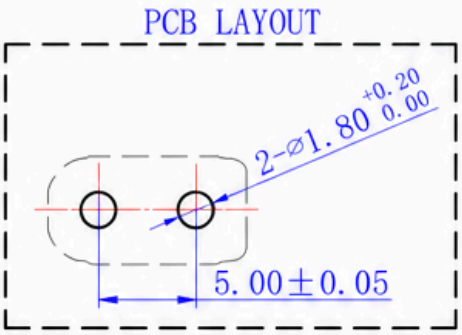
1. This series of products is a panel-mount waterproof connector designed with a plate-mounted installation + 2PIN interface for connecting the power plug of the propulsion battery, meeting the standard. With the board-mounted XT30UW-F mating, the wire length on the power side can be minimized.
2. It can be used to connect the battery and controller or other high-current mating scenarios.

Electrical Characteristics	
Rated Current	20A MAX（△<85℃）
Rated Voltage	600V DC
Insulation Resistance	≥2000MΩ
Contact Resistance	≤1.2mΩ
Mechanical Characteristics	
Durability	100 Cycles
Salt Spray	48h
Environmental Characteristics	
Protection Rating	IP65
Operating Temperature	-20℃ to 120℃
Flammability Rating	UL94 V-0
Material	
Housing	PA, Color: Yellow
Contact	Copper Alloy, Plating: Gold

XT30AW-M



PCB Mounting Hole Diagram



 High voltage	● Electric shock or fire may occur if used improperly. ● Under the specified conditions of rated current and voltage, the connector may generate heat. Ensure proper use within these environmental conditions to prevent ignition or overheating.
 Do not connect or disconnect under load	● Connecting or disconnecting the connector while under load may cause arcing, which can generate excessive heat, leading to damage or fire. Please avoid using the connector in a live state. ● The connector is not designed for hot plugging. Please plug and unplug at room temperature.
 Do not use in environments with flammable gases	● Do not use in environments with flammable or explosive gases. ● Do not use in environments where this product fails to meet the specifications, as it may cause fire or explosion.
 Handle with care	● When connecting the connector, please handle it with care. ● When opening the package to take out the connector, be careful to avoid deformation of the connector terminals. After use, ensure proper storage based on the product's attributes. Improper storage may lead to poor insulation or other accidents.