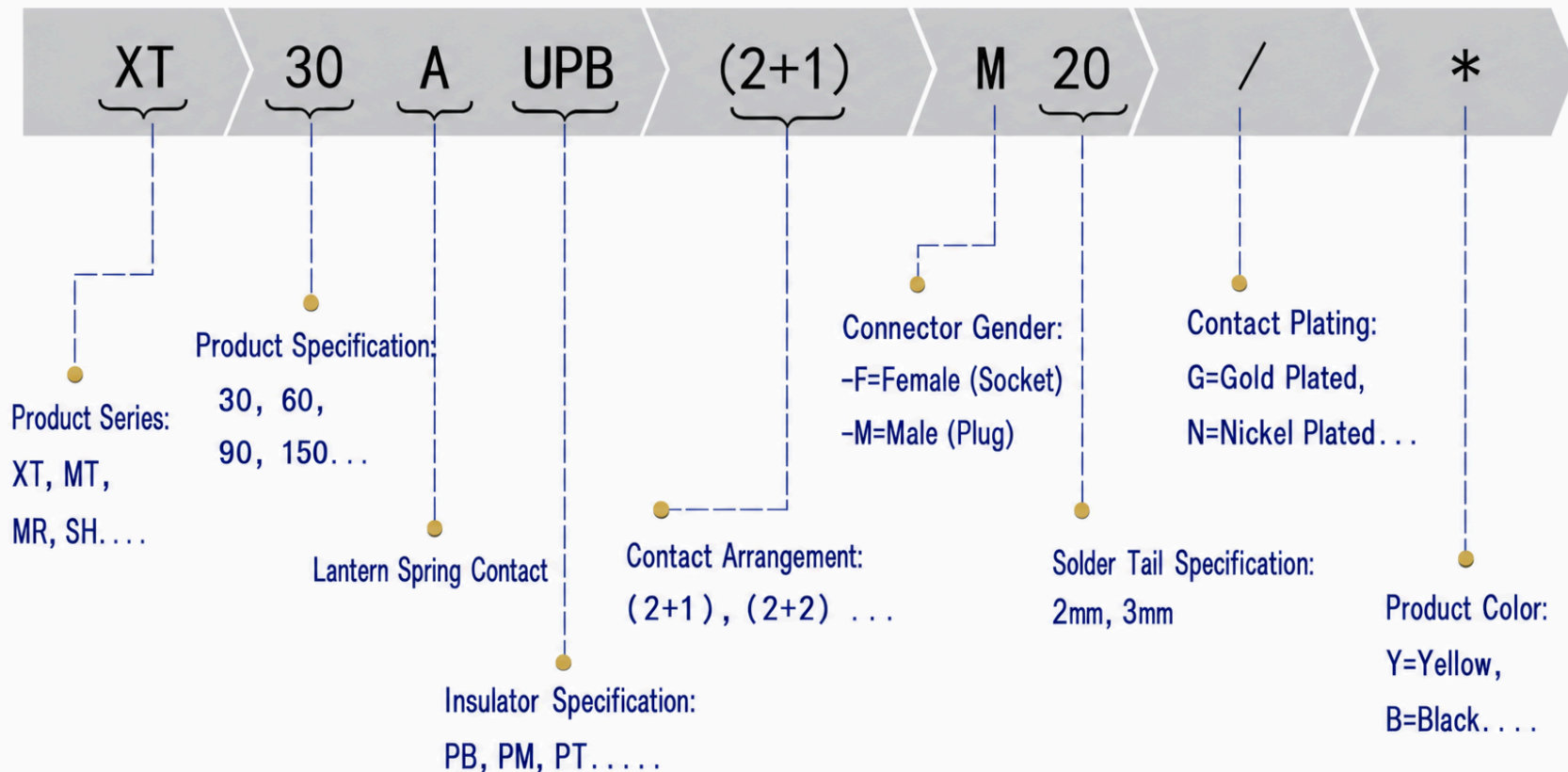


Model Description of Amass Products



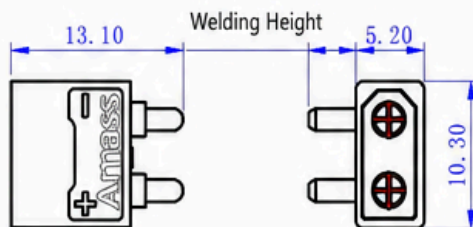
XT30PW Product Specification



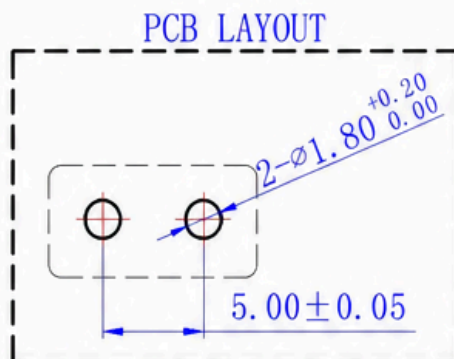
XT30PW Series Products

1. This series of products is a board-mounted right-angle 2PIN connector, providing integrated solutions for the PCB to supply high-current power, as standard components for the propulsion power supply, featuring a line-to-line design with a compact size.
2. It can be applied to the connection of daughterboards for lithium batteries and controllers.

XT30PW-M36



PCB Mounting Hole Layout



Electrical Characteristics	
Rated Current	20A MAX ($\Delta < 85^{\circ}\text{C}$)
Rated Voltage	500V DC
Insulation Resistance	$\geq 2000\text{M}\Omega$
Contact Resistance	$\leq 1.2\text{m}\Omega$
Mechanical Characteristics	
Durability	100 Cycles
Salt Spray	48h
Environmental Characteristics	
Protection Rating	IP40
Operating Temperature	-20°C to 120°C
Flammability Rating	UL94 V-0
Material	
Housing	PA, Color: Black
Metal Parts	Copper Alloy, Plated: Gold

During Use, Please Pay Attention to Current and Voltage	● Overcurrent and overvoltage may cause overheating and accidents. ● When in the charged state, inserting the connector may cause overheating and accidents. Therefore, insert the connector only when the power is off.
Please Do Not Plug or Unplug Under Load	● Please do not plug or unplug the connector when current is flowing. Plugging or unplugging with external force may cause damage and accidents. Therefore, please use the connector only when no current is flowing. ● Connectors are precision electrical components. Please use them only for the purpose for which they are designed.
Please Use in an Appropriate Environment	● Please do not use in high-temperature, high-humidity or high-salt environments. ● Do not use in environments where the required performance cannot be guaranteed. Doing so may cause damage and accidents. Therefore, please use only in the environments specified.
Please Handle With Care	● Connectors are precision parts. Please handle them with care when using. ● Please handle with care when opening the package or connecting or disconnecting the connector. Dropping the product, subjecting it to strong impacts, or disassembling or modifying it may cause damage and accidents.