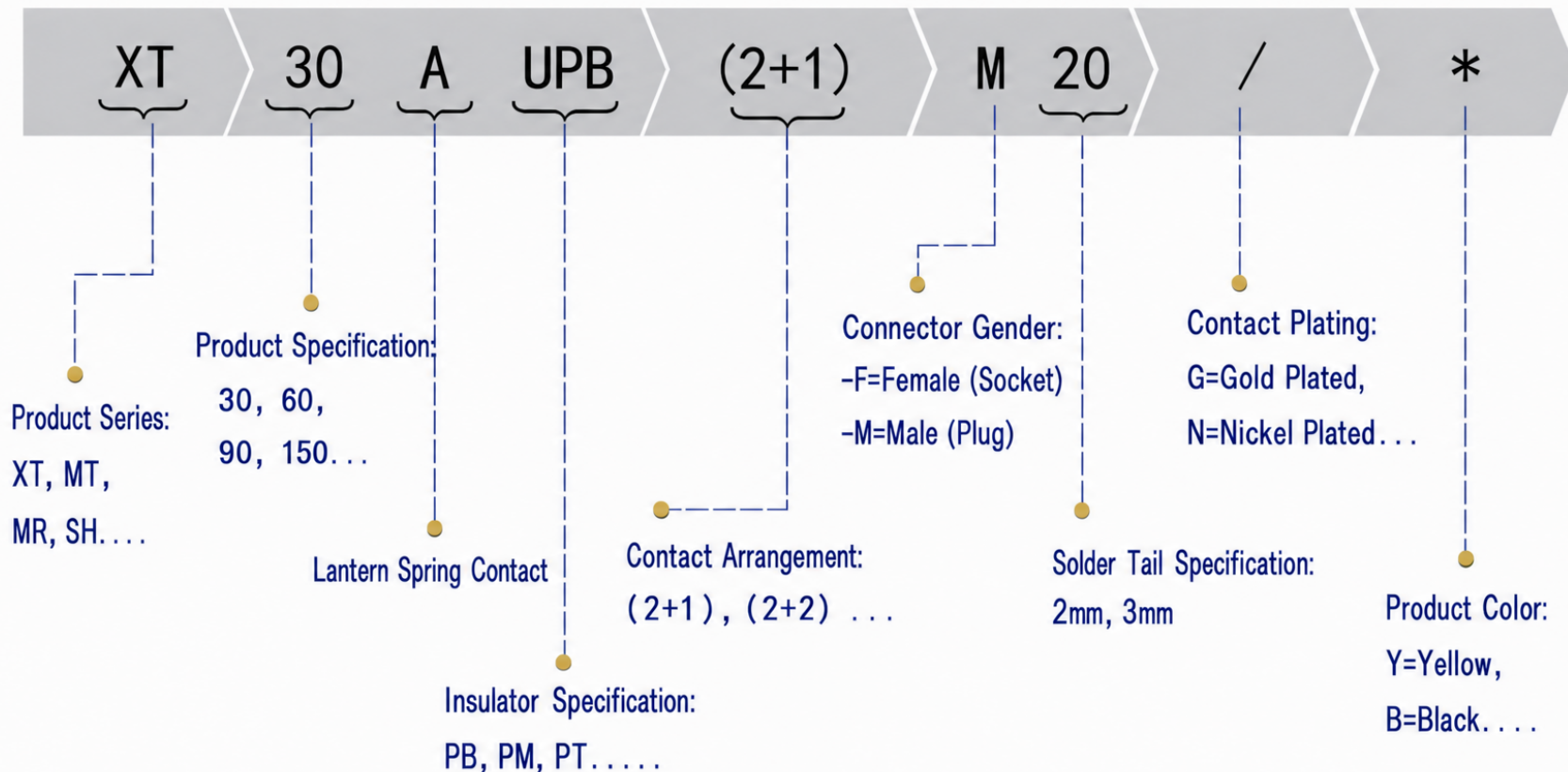


Model Description of Amass Products

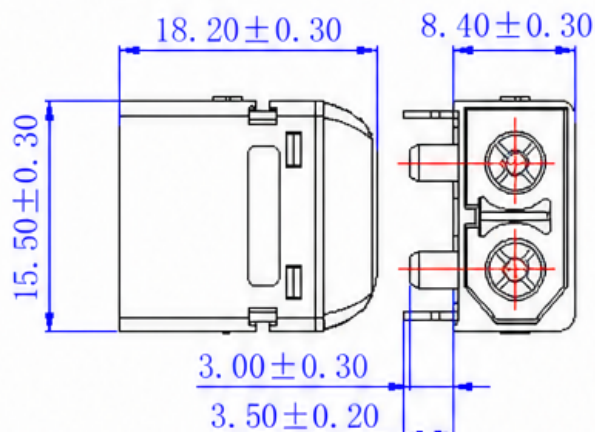


1. Product Model: XT60PW-M30.G.Y.T

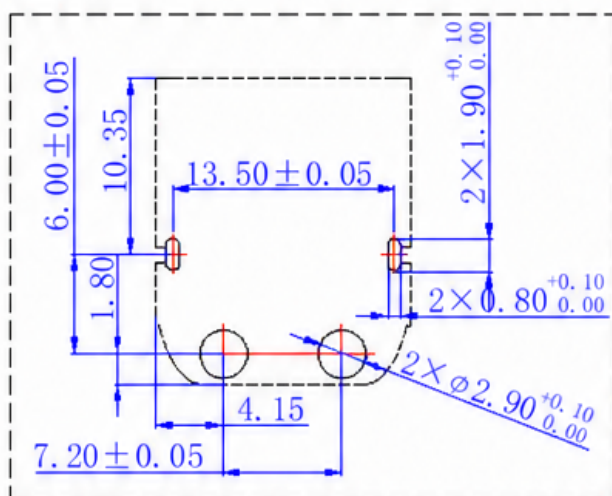
Product Name	Part Number	Product Image
XT60PW-M30 Yellow	XT60PW-M30.G.Y.T	

2. Product Dimension

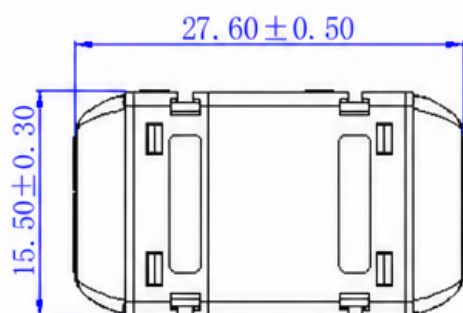
Recommended Panel Cutout



PCB LAYOUT



Mating Dimension



Prepared by:

Checked by:

Approved by:

Date:

3. Technical Specifications

Electrical Characteristics	
Rated Current	35A (△≤85K)
Rated Voltage	80V DC
Insulation Resistance	≥2000MΩ
Contact Resistance	≤1.2mΩ
Mechanical Characteristics	
Durability	100 cycles
Environmental Characteristics	
Operating Temperature	-20°C to 120°C
Flame Rating (Housing)	UL94 V-0
Environmental Compliance	RoHS2.0, Reach
Salt Spray	Compliant with GB/T 2423.17-2008 48H
Materials	
Housing	PA; Yellow
Contact	Copper Alloy
Plating	Gold
Usage	
Connection Method	Solder

4. Transportation and Storage

- Keep the product dry, away from moist environments, corrosive gases, and other harmful substances.
- Recommended storage conditions: -20°C~25°C ; Humidity: ≤80% ; Storage time 1 year.
- Products should be protected from sunlight during storage and kept sealed. Avoid severe vibration or chemical exposure, and handle with care.
- Products are suitable for transportation by common means such as vehicles, ships, aircraft, and trains. During transportation, protect from collision, violent vibration, rain and snow, and sun exposure.

5. Precautions

- Please select the appropriate current and voltage ratings and cables when using the connector.
Do not plug or unplug the connector under load.
- When connecting and disconnecting, hold the connector housing and avoid pulling the cables.
This may cause partial deformation of the connector and lead to poor contact.
- Ensure correct mating and alignment before connection. Do not force mating.
- The connector is a precision component. Handle with care to prevent damage, bending, deformation, or loss. Do not disassemble.