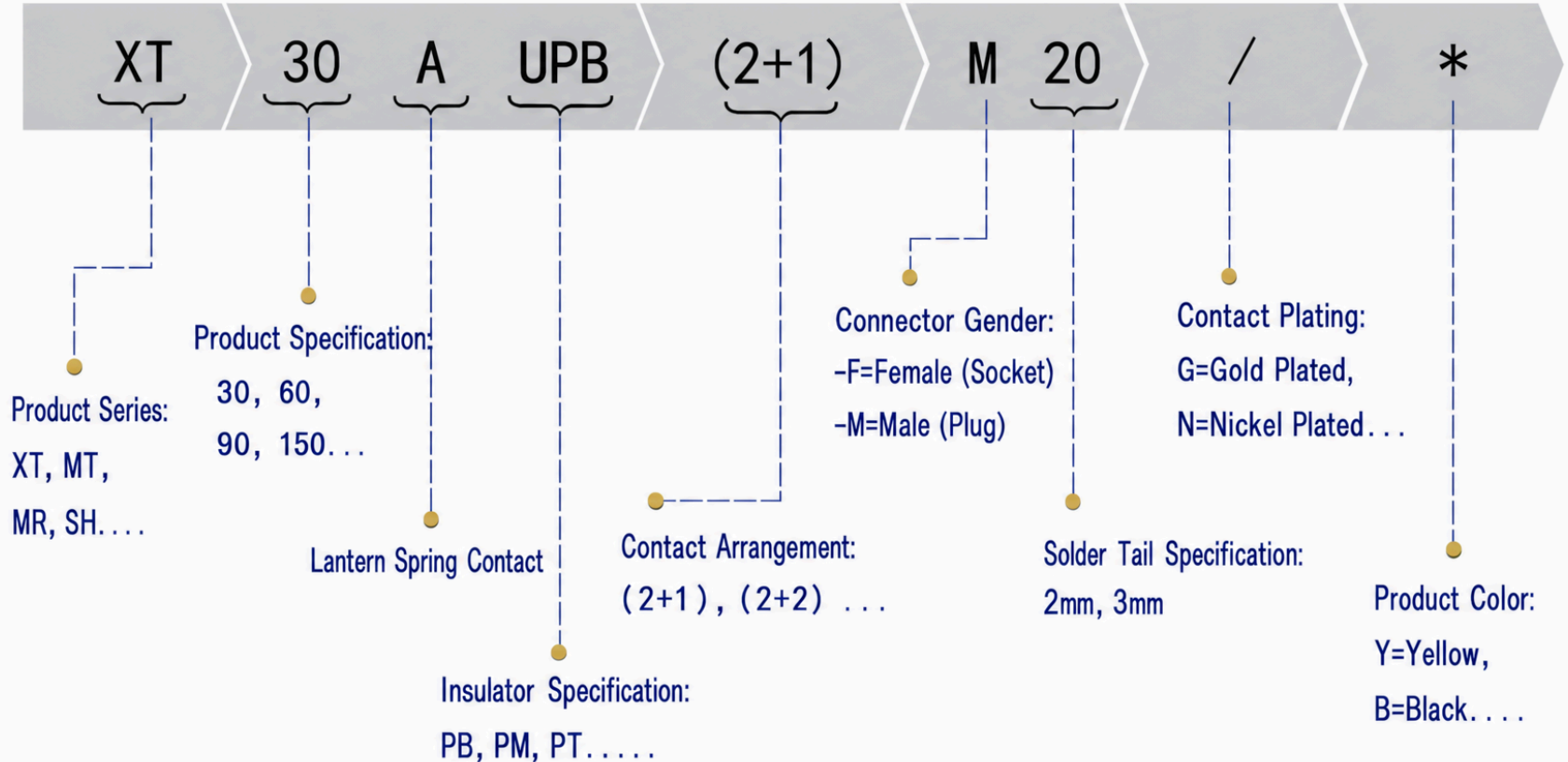


Model Description of Amass Products



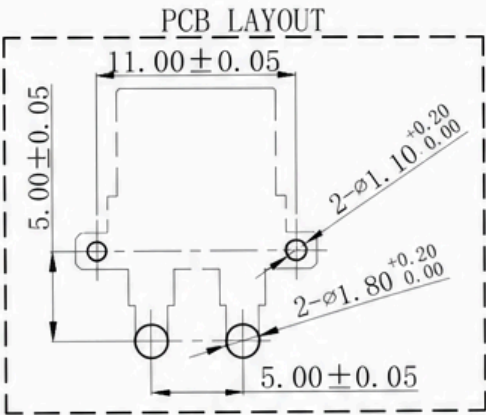
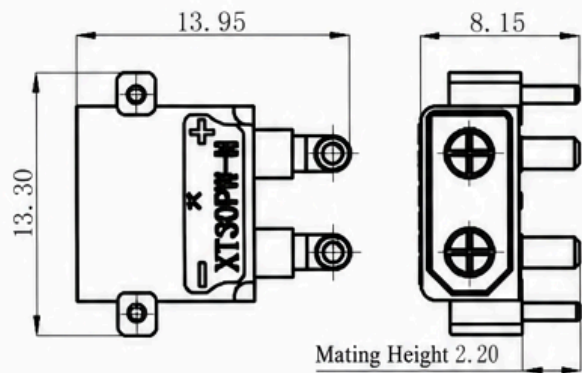
1. Product Model: XT30PW-M20

Model No.	Product Name	Picture
XT30PW-M20	XT30PW20-M.G.Y Metal, Yellow Shell	

2. Product Application

This series of products is a right-angle 2PIN connector for space-constrained PCB boards. It provides a centralized solution for lithium battery connections, facilitating power distribution assembly. Featuring a compact size, it is suitable for lithium battery and controller connections on various wire-to-board and board-to-board scenarios.

3. Product Dimensions



4. Technical Specifications

Electrical Properties	
Rated Current	20A MAX (Δ≤85K)
Rated Voltage	600V DC
Insulation Resistance	≥2000MΩ
Contact Resistance	≤1.5mΩ (Voltage Drop Method)
Mechanical Properties	
Durability	≥100 Cycles
Salt Spray (Main Body)	48h
(Auxiliary Parts)	12h
Connection Method	Soldering
Environmental Properties	
Protection Rating	IP40
Operating Temperature	-20°C to 120°C
Material Flammability Rating	UL94 V-0 (Thickness 0.8mm)
Material	
Housing	PA, Yellow
Contact	Copper Alloy, Plating: Gold

5. Soldering Process Parameters

Soldering Process		Soldering Parameters
Wave Soldering	Preheat Zone Peak Temperature	160° C
	Solder Wave Peak Temperature	210° C
	Solder Wave Dip Temperature	240° C ~ 270° C
	Soldering Time	3~6s

*The above data is for reference only.

6. Transportation and Storage

- a) The product should be stored in a clean, dry environment, away from corrosive gases.
- b) Storage temperature range is -10°C ~ 40°C, with relative humidity ≤80%.
- c) This product is packaged in sealed bags. Store in a cool, dry place. Strictly avoid exposure to air or contact with chemical substances.
- d) During transportation, avoid collisions and falls. Protective measures should be taken against vibration, shock, rain, snow, and flooding.



Pay attention to the rated voltage of the product



Please confirm the operating environment



Use with caution



Please do not connect or disconnect unless the external power is off

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