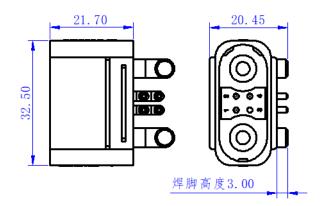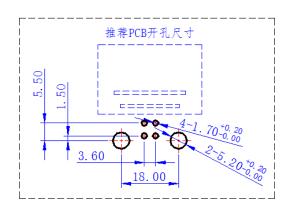## AS150UPW(2+4) series products

1. This series of products is a horizontal plate assembly type 2+4PIN connector, which is a generation product of AS150U series specially designed for plant protection machines to meet the needs of intelligent battery use;

2. It is applicable to the scenario where a cable pair such as a lithium battery and a controller is connected.

Electric Characteristic	
Current Rating	75A MAX（△＜85℃） Signal pin:1A
Voltage	600V DC
Insulation Resistance	≥2000MΩ
Contact Resistance	≤0.8mΩ
Mechanical Characteristic	
Plug Life	100 Times
Salt Spray	48h
Working Environment	
Protection Level	IP40
Work Temperature	−20℃ to 120℃
Materials Flame Level	UL94 V-0 （ Wall thickness0.8mm)
Material	
Plastic Housing	PA, Color: yellow
Terminal	Copper Alloy ,Plating: Gilding Gold plating of main copper ,signal needle nickel plating

AS150UPW(2+4)-M.G.Y

PCB mounting hole diagram

⚠ During connector using, do not exceed the rated current and voltage	● Current and voltage overloads can cause faults and accidents. ● Plug connector in live state, will lead to faults and accident. Therefore, please plug the connector when no current load on the circuit.
⚠ Do not use when external force is applied to the connector	● Do not power on connectors and wires under stress. If too much external force, will lead to damage, Faults and accidents occur, so do not use in this situation. ● The connector is designed as the connecting part of the circuit, so do not use the connector as the junction of the shell, to construct part of an object.
⚠ Please confirm the environment	● Do not use in high temperature and humidity environment. ● Failure may occur if not used in the environment specified in the specification，So please don't do it here
⚠ Use carefully	● Connectors are precision parts. Please be careful when using them. ● Be careful when you open the package, even the part protected by tape packing and tubular packing, the terminal also will be deformation, bending, propping and other phenomena.

Document maker：   Document checker：   Document approver：