

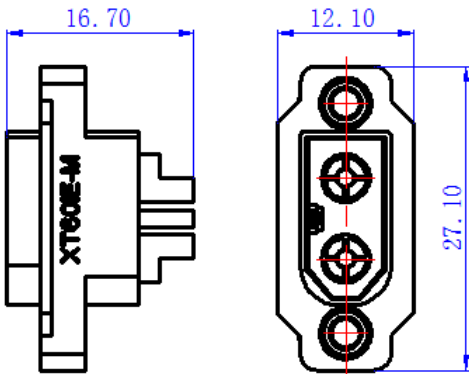


XT60IE series products

1. This series of products is 180° outlet welded injection molding + assembly type 2+1PIN connector, which is the current power lithium power plug-in standard parts, suitable for panel installation, and welding line type XT60I-F(Z) matching;
2. It is applicable to the scenario where the lithium battery is connected to the controller from a wire to a wire.

Electric Characteristic	
Current Rating	35A MAX (12AWG/ $\Delta < 85^{\circ}\text{C}$) Signal pin:1A
Voltage	600V DC
Insulation Resistance	$\geq 2000\text{M}\Omega$
Contact Resistance	$\leq 1.0\text{m}\Omega$
Mechanical Characteristic	
Plug Life	100 Times
Salt Spray	48h
Working Environment	
Protection Level	IP40
Work Temperature	-20°C to 120°C
Materials Flame Level	UL94 V-0 (Wall thickness0.8mm)
Material	
Plastic Housing	PA, Color: Black
Terminal	Copper Alloy,Plating: Gilding

XT60IE-M G.B



<p>During connector using, do not exceed the rated current and voltage</p>	<ul style="list-style-type: none"> • 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.
<p>Do not use when external force is applied to the connector</p>	<ul style="list-style-type: none"> • 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.
<p>Please confirm the environment</p>	<ul style="list-style-type: none"> • 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
<p>Use carefully</p>	<ul style="list-style-type: none"> • 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.

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