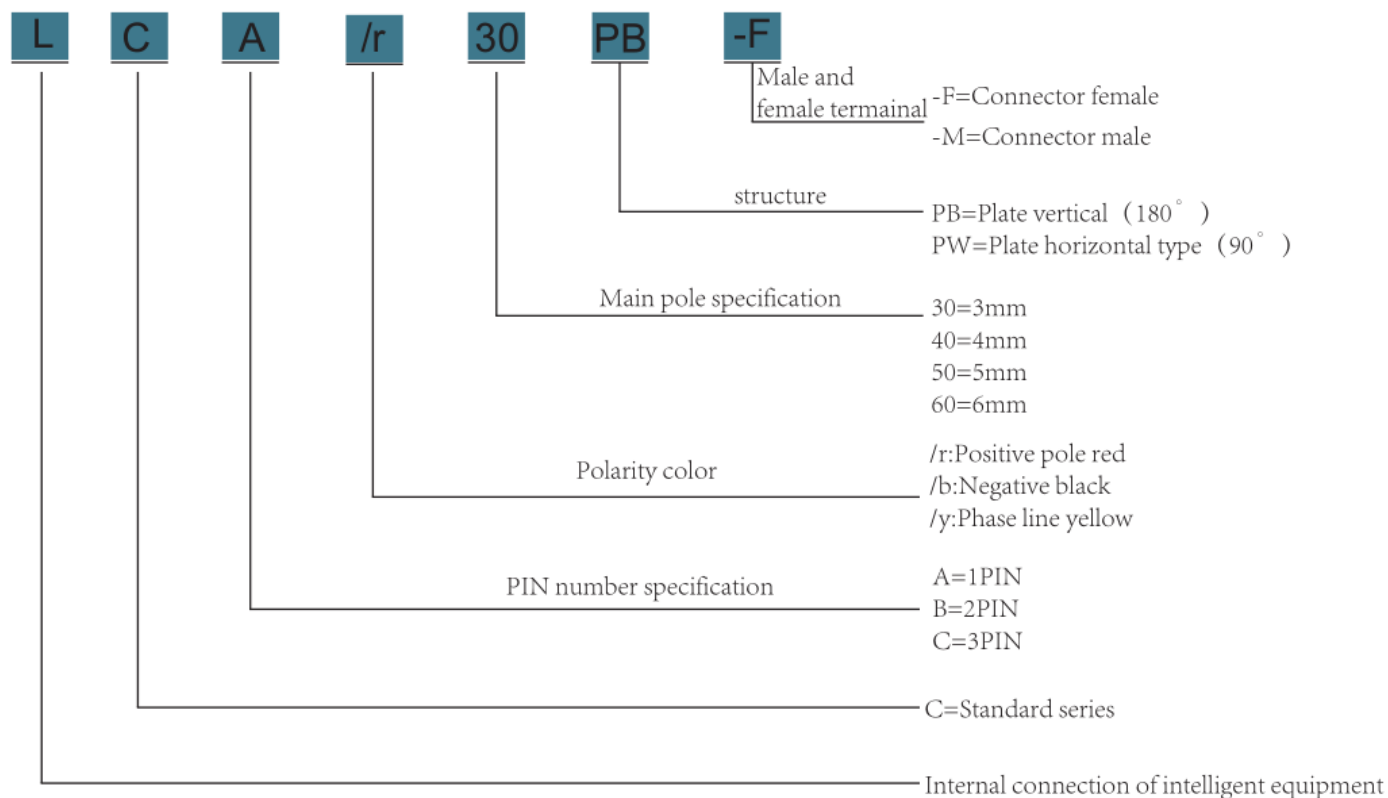


## LC Series

### 【Model designation】

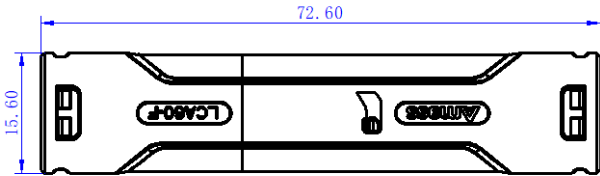
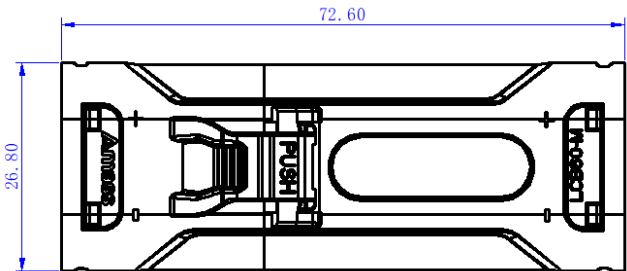
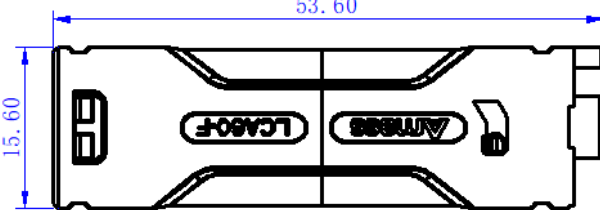
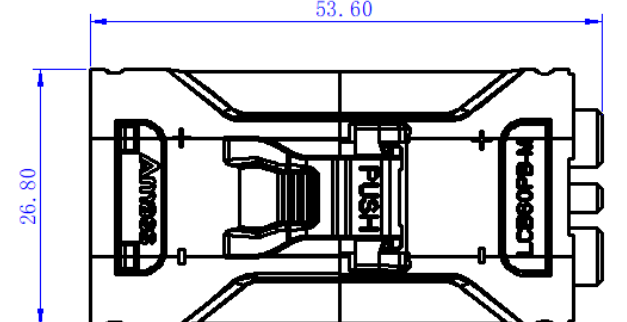
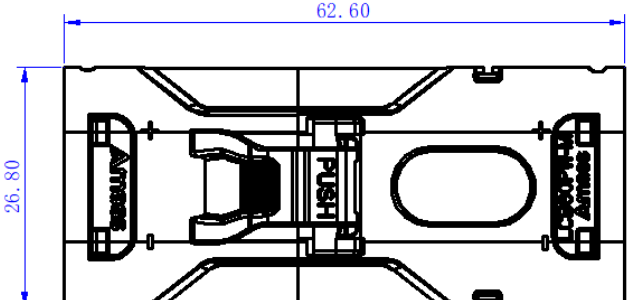



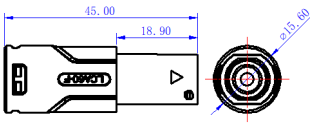

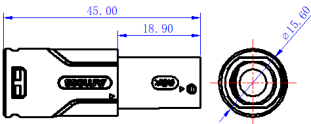

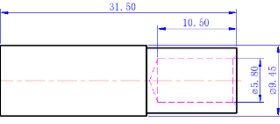

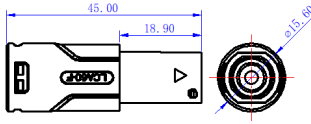

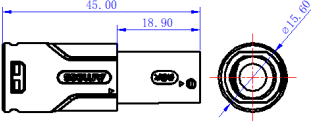

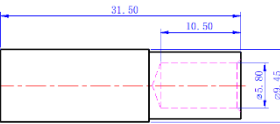
### 【technical parameter】


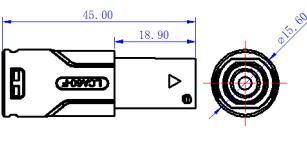
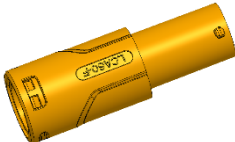
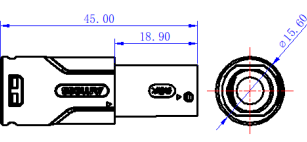

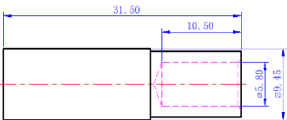

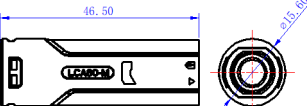
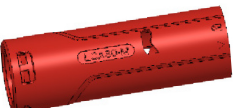
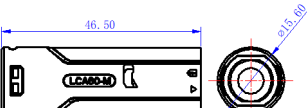

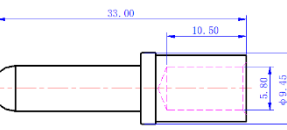
<b>Voltage</b>	1000V DC	<b>Work Temperature</b>	-40~120℃
<b>Insulation Resistance</b>	≥2000MΩ	<b>Housing material</b>	PBT
<b>Contact Resistance</b>	≤1mΩ	<b>Terminal material</b>	Copper, Silver plated
<b>Flame Level</b>	UL94 V-0	<b>Salt Spray</b>	48h(Level4)
<b>Glowing wire flammability index</b>	GWFI 960℃	<b>Environmental performance</b>	RoHS2.0


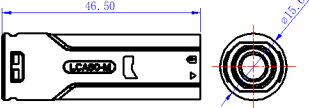

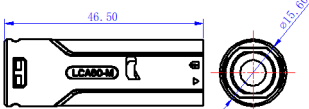

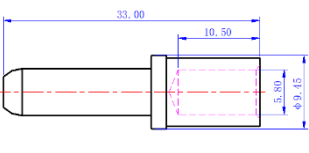

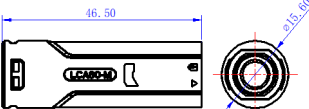
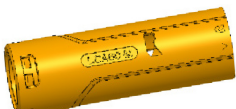
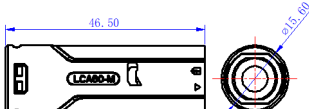

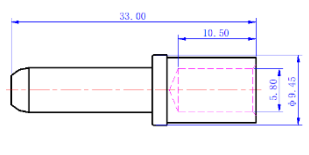
## LC60 SPEC

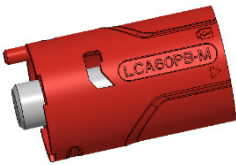

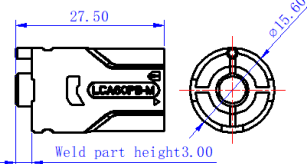
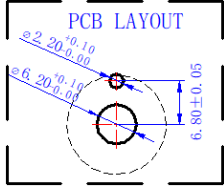
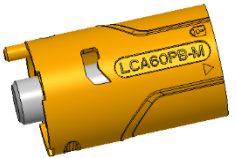
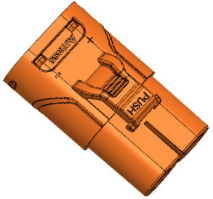
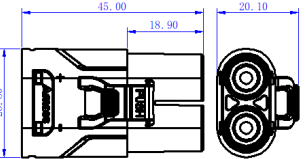
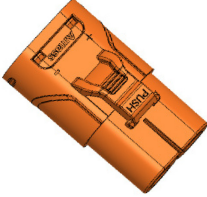
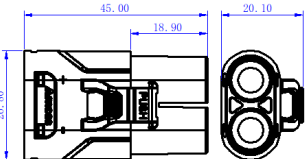

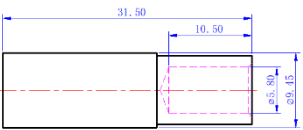
Model	Adapter diameter		Maximum cable outer diameter mm	Rated current	Temperature rise
	A.W.G	mm <sup>2</sup>			
LC60	6#	13.3	9.6	110A	85K
	8#	8.3		90A	
	6#	13.3		100A	55K
	8#	8.3		75A	
	6#	13.3		80A	40K
	8#	8.3		65A	
	6#	13.3		65A	30K
	8#	8.3		55A	

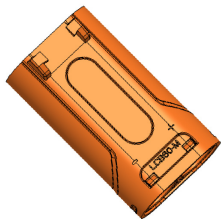
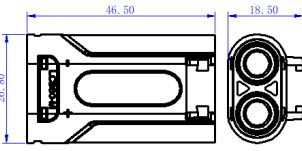
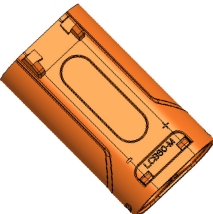
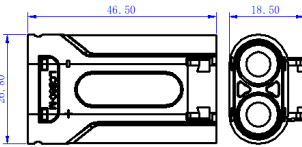

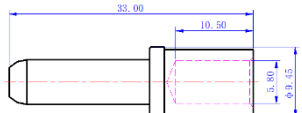
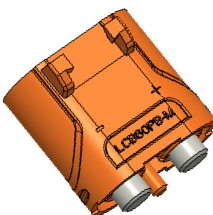
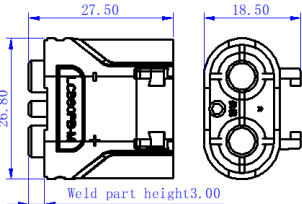
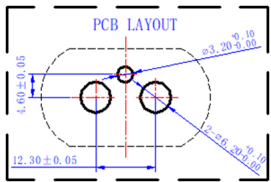
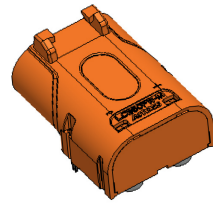
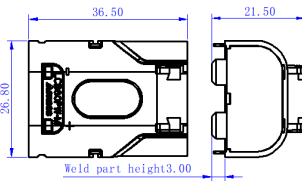
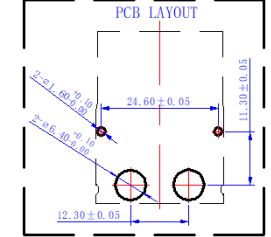
	LCA60	LCB60
Product docking Outer outline drawing		
		
		

Product model	Product name	Product drawing	Outline drawing of product	PCB LAYOUT	remarks
LCA/r60-F	LCA/r60-F finished product				Hexagonal riveting
97016-F	LCA/r60-F Plastic shell assembly				Hexagonal riveting; Plastic shell components are separately packaged and shipped
91021-F	LC60-F Copper components				Hexagonal riveting; Copper components are separately packaged and shipped
LCA/b60-F	LCA/b60-F finished product				Hexagonal riveting
97017-F	LCA/b60-F Plastic shell assembly				Hexagonal riveting; Plastic shell components are separately packaged and shipped
91021-F	LC60-F Copper components				Hexagonal riveting; Copper components are separately packaged and shipped





LCA/y60-F	LCA/y60-F finished product				Hexagonal riveting
97018-F	LCA/y60-F Plastic shell assembly				Hexagonal riveting; Plastic shell components are separately packaged and shipped
91021-F	LC60-F Copper components				Hexagonal riveting; Copper components are separately packaged and shipped
LCA/r60-M	LCA/r60-M finished product				Hexagonal riveting
97016-M	LCA/r60-M Plastic shell assembly				Hexagonal riveting; Plastic shell components are separately packaged and shipped
99029-M	LC60-M Copper parts				Hexagonal riveting; Copper components are separately packaged and shipped

LCA/b60-M	LCA/b60-M finished product				Hexagonal riveting
97017-M	LCA/b60-M Plastic shell assembly				Hexagonal riveting; Plastic shell components are separately packaged and shipped
99029-M	LC60-M Copper parts				Hexagonal riveting; Copper components are separately packaged and shipped
LCA/y60-M	LCA/y60-M finished product				Hexagonal riveting
97018-M	LCA/y60-M Plastic shell assembly				Hexagonal riveting; Plastic shell components are separately packaged and shipped
99029-M	LC60-M Copper parts				Hexagonal riveting; Copper components are separately packaged and shipped

LCA/r60PB-M	LCA/r60PB-M finished product				
LCA/b60PB-M	LCA/b60PB-M finished product				PCB board vertical, plate welding
LCA/y60PB-M	LCA/y60PB-M finished product				
LCB60-F	LCB60-F finished product				Hexagonal riveting
97002-F	LCB60-F Plastic shell assembly				Hexagonal riveting; Plastic shell components are separately packaged and shipped
91021-F	LC60-F Copper parts				Hexagonal riveting; Copper components are separately packaged and shipped

<b>LCB60-M</b>	LCB60-M finished product				Hexagonal riveting
97002-M	LCB60-M Plastic shell assembly				Hexagonal riveting; Plastic shell components are separately packaged and shipped
99029-M	LC60-M Copper parts				Hexagonal riveting; Copper components are separately packaged and shipped
<b>LCB60PB-M</b>	LCB60PB-M finished product				PCB board vertical, plate welding
<b>LCB60PW-M</b>	LCB60PW-M finished product				PCB board horizontal, plate welding

## 【instructions】

 <p>During connector using, do not exceed the rated current and voltage</p>	<ul style="list-style-type: none"> <li>Current and voltage overloads can cause faults and accidents.</li> </ul> <p>Plug connector in live state, will lead to faults and accident. Therefore, please plug the connector when no current load on the circuit.</p>	 <p>Please confirm the environment</p>	<ul style="list-style-type: none"> <li>Do not use in high temperature and humidity environment.</li> </ul> <p>Failure may occur if not used in the environment specified in the specification. So please don't do it here</p>
 <p>Do not use when external force is applied to the connector</p>	<ul style="list-style-type: none"> <li>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.</li> </ul> <p>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>	 <p>Use carefully</p>	<ul style="list-style-type: none"> <li>Connectors are precision parts. Please be careful when using them.</li> </ul> <p>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.</p>

## 【Transportation and storage】

- The products shall be stored in a clean and dry environment, and there shall be no acid, alkali or other corrosive gases around the warehouse.
- The product storage temperature is - 10 °C ~ 40 °C, and the relative humidity is ≤ 80%.
- Silver plated products shall be kept away from light, sealed and sealed for storage. It is strictly prohibited to expose to the air for a long time or contact with sulfide, or touch with bare hands.
- The product can be used for transportation by conventional means of transportation. Collision, violent vibration, rain and snow, water immersion, etc. shall be avoided during transportation.