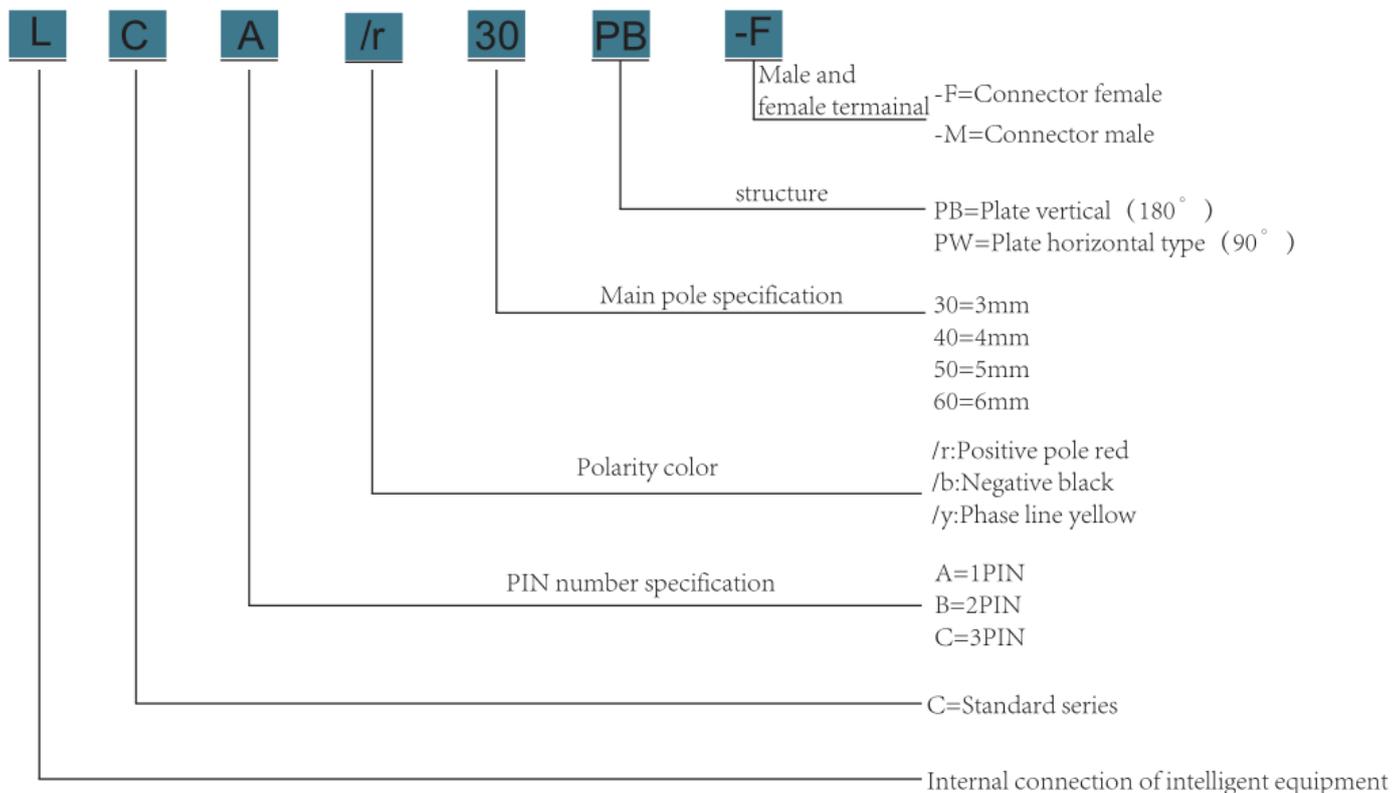


LC Series

【Model designation】

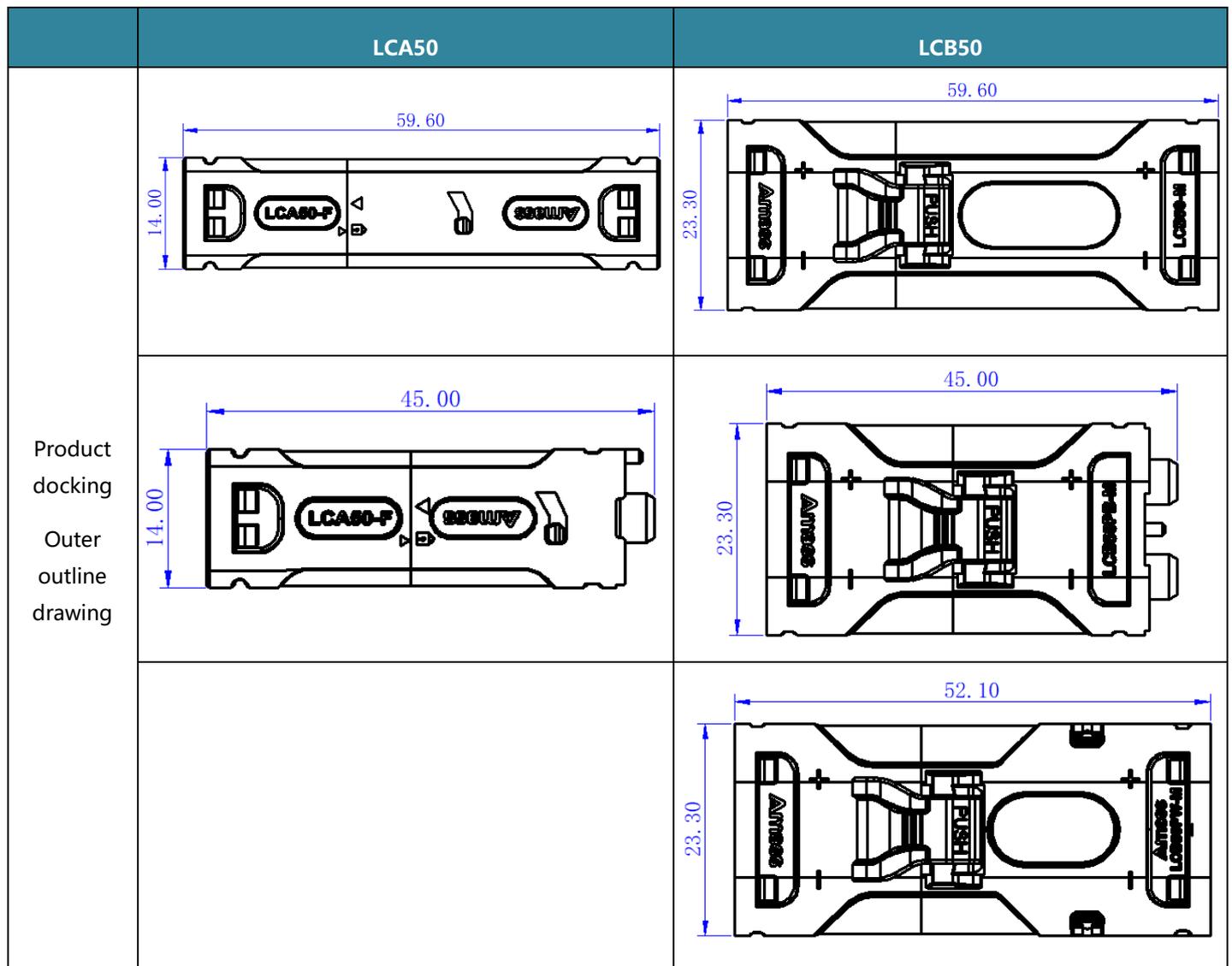


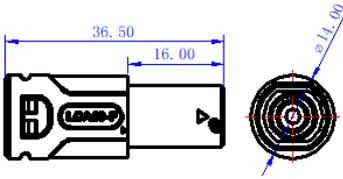
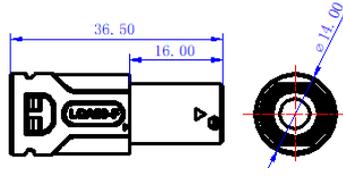
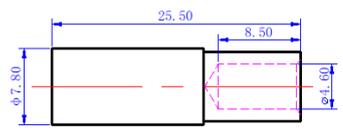
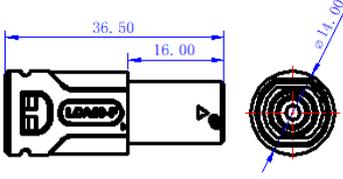
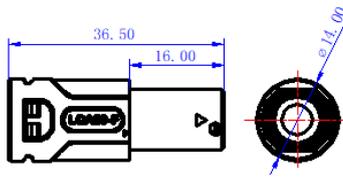
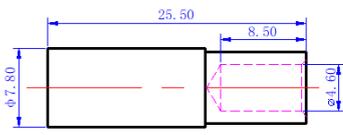
【technical parameter】

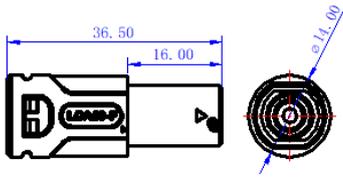
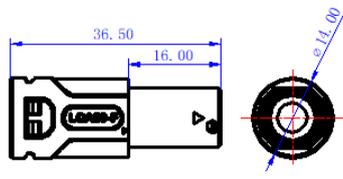
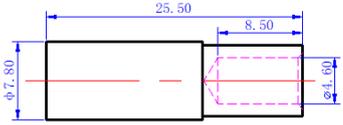
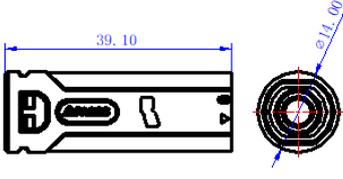
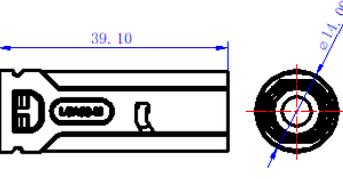
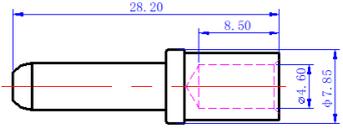
Voltage	1000V DC	Work Temperature	-40~120°C
Insulation Resistance	≥2000MΩ	Housing material	PBT
Contact Resistance	≤1mΩ	Terminal material	Copper, Silver plated
Flame Level	UL94 V-0	Salt Spray	48h(Level4)
Glowing wire flammability index	GWFI 960°C	Environmental performance	RoHS2.0

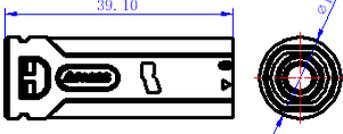
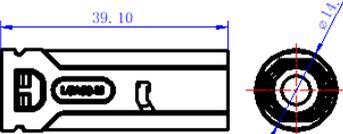
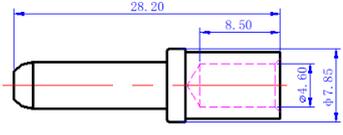
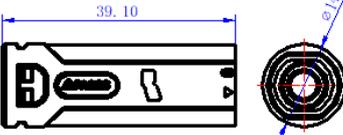
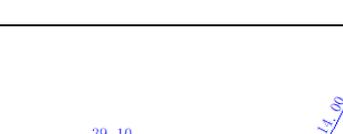
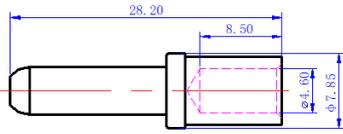
LC50 SPEC

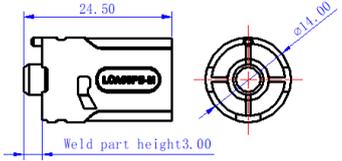
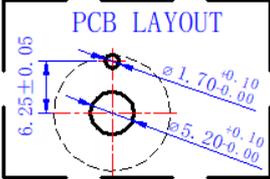
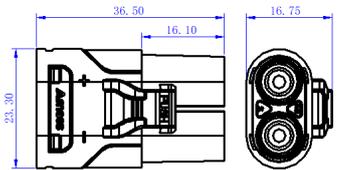
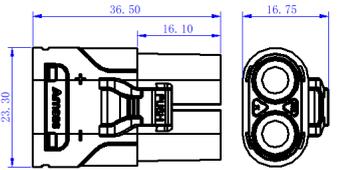
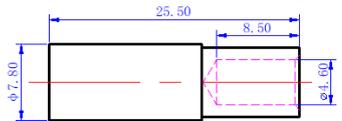
Model	Adapter diameter		Maximum cable outer diameter mm	Rated current	Temperature rise
	A.W.G	mm ²			
LC50	8#	8.3	8	98A	85K
	10#	5.2		67A	
	8#	8.3		75A	55K
	10#	5.2		55A	
	8#	8.3		65A	40K
	10#	5.2		49A	
	8#	8.3		56A	30K
	10#	5.2		40A	

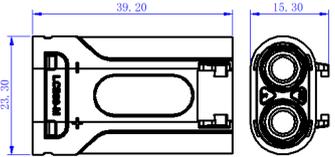
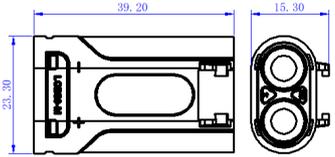
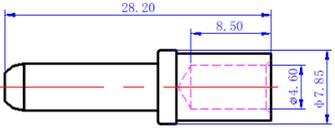
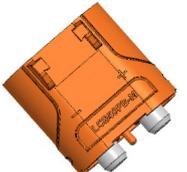
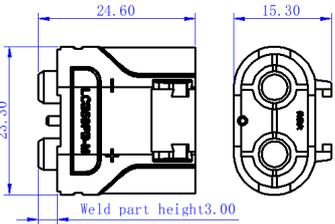
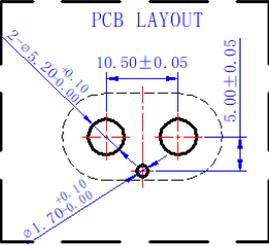
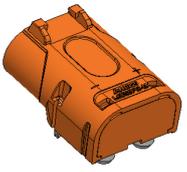
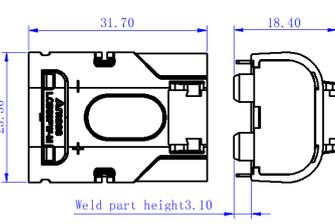
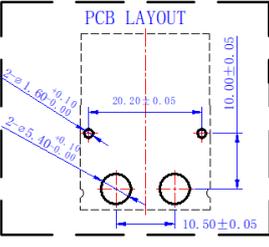


Product model	Product name	Product drawing	Outline drawing of product	PCB LAYOUT	remarks
LCA/r50-F	LCA/r50-F finished product				Hexagonal riveting
97012-F	LCA/r50-F Plastic shell assembly				Hexagonal riveting; Plastic shell components are separately packaged and shipped
91023-F	LC50-F Copper components				Hexagonal riveting; Copper components are separately packaged and shipped
LCA/b50-F	LCA/b50-F finished product				Hexagonal riveting
97013-F	LCA/b50-F Plastic shell assembly				Hexagonal riveting; Plastic shell components are separately packaged and shipped
91023-F	LC50-F Copper components				Hexagonal riveting; Copper components are separately packaged and shipped

<p>LCA/y50-F</p>	<p>LCA/y50-F finished product</p>				<p>Hexagonal riveting</p>
<p>97014-F</p>	<p>LCA/y50-F Plastic shell assembly</p>				<p>Hexagonal riveting; Plastic shell components are separately packaged and shipped</p>
<p>91023-F</p>	<p>LC50-F Copper components</p>				<p>Hexagonal riveting; Copper components are separately packaged and shipped</p>
<p>LCA/r50-M</p>	<p>LCA/r50-M finished product</p>				<p>Hexagonal riveting</p>
<p>97012-M</p>	<p>LCA/r50-M Plastic shell assembly</p>				<p>Hexagonal riveting; Plastic shell components are separately packaged and shipped</p>
<p>99031-M</p>	<p>LC50-M Copper parts</p>				<p>Hexagonal riveting; Copper components are separately packaged and shipped</p>

<p>LCA/b50-M</p>	<p>LCA/b50-M finished product</p>				<p>Hexagonal riveting</p>
<p>97013-M</p>	<p>LCA/b50-M Plastic shell assembly</p>				<p>Hexagonal riveting; Plastic shell components are separately packaged and shipped</p>
<p>99031-M</p>	<p>LC50-M Copper parts</p>				<p>Hexagonal riveting; Copper components are separately packaged and shipped</p>
<p>LCA/y50-M</p>	<p>LCA/y50-M finished product</p>				<p>Hexagonal riveting</p>
<p>97014-M</p>	<p>LCA/y50-M Plastic shell assembly</p>				<p>Hexagonal riveting; Plastic shell components are separately packaged and shipped</p>
<p>99031-M</p>	<p>LC50-M Copper parts</p>				<p>Hexagonal riveting; Copper components are separately packaged and shipped</p>

<p>LCA/r50PB-M</p>	<p>LCA/r50PB-M finished product</p>				
<p>LCA/b50PB-M</p>	<p>LCA/b50PB-M finished product</p>				<p>PCB board vertical, plate welding</p>
<p>LCA/y50PB-M</p>	<p>LCA/y50PB-M finished product</p>				
<p>LCB50-F</p>	<p>LCB50-F finished product</p>				<p>Hexagonal riveting</p>
<p>97015-F</p>	<p>LCB50-F Plastic shell assembly</p>				<p>Hexagonal riveting; Plastic shell components are separately packaged and shipped</p>
<p>91023-F</p>	<p>LC50-F Copper parts</p>				<p>Hexagonal riveting; Copper components are separately packaged and shipped</p>

<p>LCB50-M</p>	<p>LCB50-M finished product</p>				<p>Hexagonal riveting</p>
<p>97015-M</p>	<p>LCB50-M Plastic shell assembly</p>				<p>Hexagonal riveting; Plastic shell components are separately packaged and shipped</p>
<p>99031-M</p>	<p>LC50-M Copper parts</p>				<p>Hexagonal riveting; Copper components are separately packaged and shipped</p>
<p>LCB50PB-M</p>	<p>LCB50PB-M finished product</p>				<p>PCB board vertical, plate welding</p>
<p>LCB50PW-M</p>	<p>LCB50PW-M finished product</p>				<p>PCB board horizontal, plate welding</p>

【instructions】

 <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. <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"> Do not use in high temperature and humidity environment. <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"> 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. <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"> Connectors are precision parts. Please be careful when using them. <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】

- a) 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.
- b) The product storage temperature is - 10 °C~ 40 °C, and the relative humidity is ≤ 8 0%.
- c) 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.
- d) 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.