

EW-LP16-TYPE C SERIES DATASHEET

1 Product name: EW-LP16-TYPE C Series Waterproof Connector



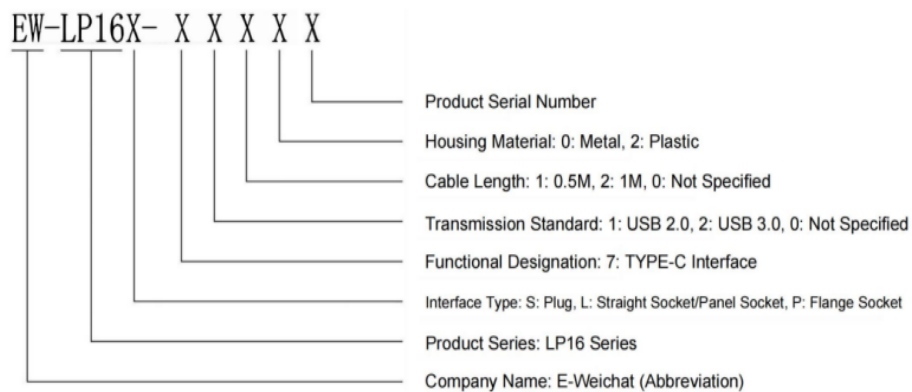
2 Material and Process

Part Category	Material	Process
Contact	Copper Alloy	Stamping
	Gold-Plated	
Housing	PBT	Injection molding
	Zinc Alloy	Die Casting
Insulator	PBT	Injection molding
Seal	Silicone Rubber	Hot pressing.

3 Product Introduce

This product is a custom waterproof industrial TYPE-C connector developed based on our company's LP16 outdoor waterproof connector. It is suitable for any harsh outdoor environment, with a maximum transmission rate of up to 10Gbps, ensuring smooth and jerk-free data transmission. The interface and cable harness are designed with electromagnetic shielding to reduce external electromagnetic interference, ensuring data integrity and security. The cable and connector are integrated using a rubber overmoulding process, which increases the tensile strength of the connector. The connector uses a one-click latching mechanism for fast and secure connections, providing a stable and convenient plug-and-play experience.

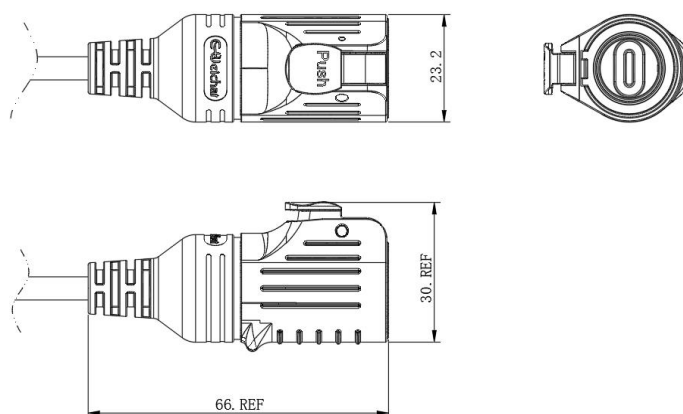
3.1 Product Coding Rules



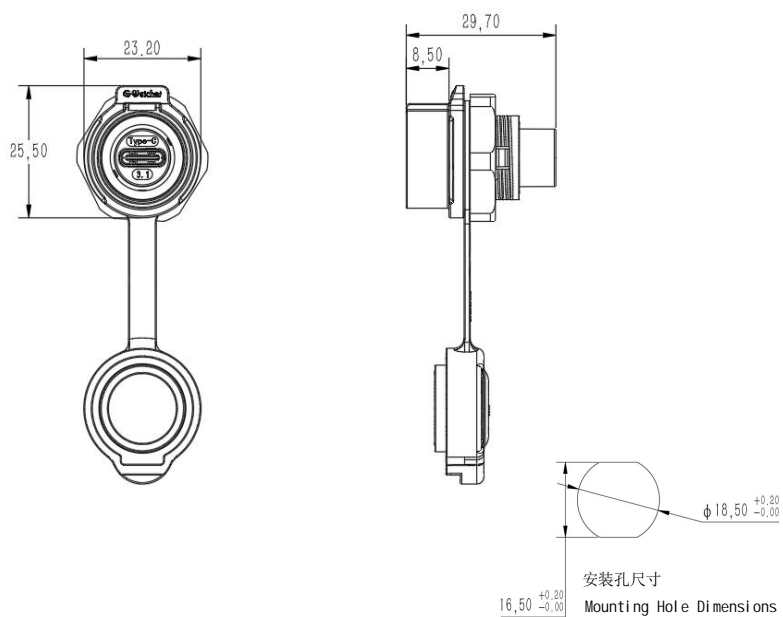
3.2 Installation Requirements

3.2.2 Product Size:

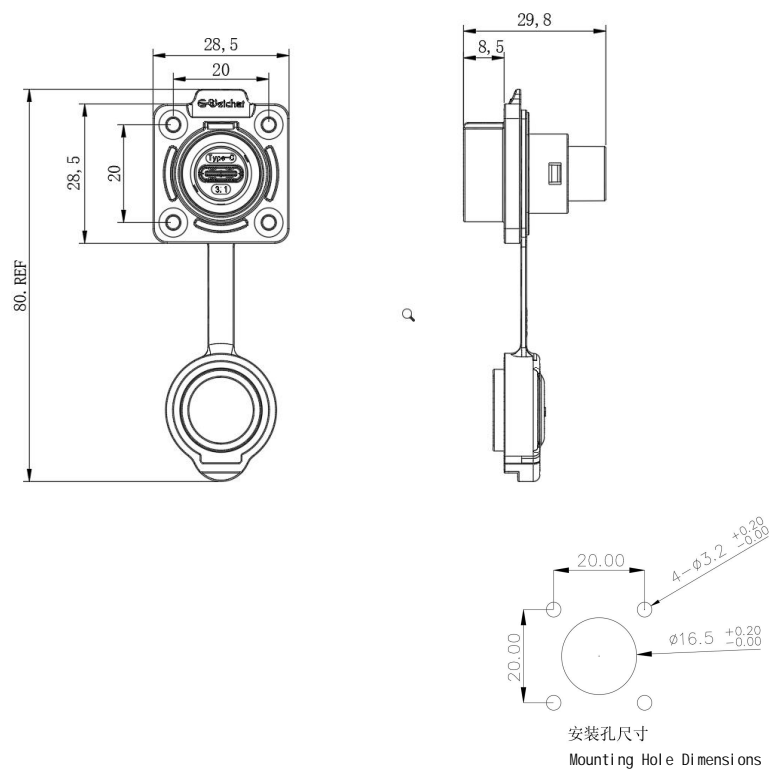
LP16S-Type-C Male Plug With Cable





LP16-TYPE-C Panel Mount Female Socket



LP16-TYPE-C Flange Mount Female Socket



4 Product Performance

Part Type	LP16 Series	
Application	TYPE-C	
Layout	 	
Rated Current	3A	
Operating Voltage	DC20V	
Withstand Voltage	AC100V	
Fire Rating	UL94V-0	
Pluggable Life	≥ 1900 次	
Ambient Temperature	$-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$	
Vibration	Frequency: 5~200Hz Amplitude: 5mm, Speed: 10m/s0.10usNo Instantaneous Short Circuits	
Salt Spray Test	PH6.5-7.2,NaCl, 5%48H	
IP Rating	IP67(1m/0.5h)	