

LP-12 Data Sheet

M12 Power + Signal	Product Series	LP-12																			
	Pin Number	2PIN		3PIN		4PIN		5PIN		6PIN		7PIN		8PIN		9PIN		12PIN		14PIN	
	Section diagram	PIN	Mounting	PIN	Mounting	PIN	Mounting	PIN	Mounting	PIN	Mounting	PIN	Mounting	PIN	Mounting	—		—		—	
	Current Rating	5A										3A									
	Voltage Rating	AC 150V										AC 100V									
	Cable range	∅ 3.0~∅ 6.0mm																			
	Wire Gauge	0.34~0.75mm ² /22-20AWG										0.25~0.34mm ² /24 -22AWG									
	IP Protection Class (Mated)	IP67 (Mated)																			
	Termination	Soldering		Soldering/ Screw Locking				Soldering													
Product Picture	material	Part Number (The bold font is a best-sell products)																			
Cable connector 	plastic	Male	LP-12-C02PE-02-001	LP-12-C03PE-02-001	LP-12-C04PE-02-001	LP-12-C05PE-02-001	LP-12-C06PE-02-001	LP-12-C07PE-02-001	LP-12-C08PE-02-001	—		—		—							
		Female	LP-12-J02PE-02-001	LP-12-J03PE-02-001	LP-12-J04PE-02-001	LP-12-J05PE-02-001	LP-12-J06PE-02-001	LP-12-J07PE-02-001	LP-12-J08PE-02-001	—		—		—							
In-line Cable connector 	plastic	Male	LP-12-C02PP-02-001	LP-12-C03PP-02-001	LP-12-C04PP-02-001	LP-12-C05PP-02-001	LP-12-C06PP-02-001	LP-12-C07PP-02-001	LP-12-C08PP-02-001	—		—		—							
		Female	LP-12-J02PP-02-001	LP-12-J03PP-02-001	LP-12-J04PP-02-001	LP-12-J05PP-02-001	LP-12-J06PP-02-001	LP-12-J07PP-02-001	LP-12-J08PP-02-001	—		—		—							
Flange Mounting 	plastic	Male	LP-12-C02SX-02-401	LP-12-C03SX-02-401	LP-12-C04SX-02-401	LP-12-C05SX-02-401	LP-12-C06SX-02-401	LP-12-C07SX-02-401	LP-12-C08SX-02-401	—		—		—							
		Female	LP-12-J02SX-02-401	LP-12-J03SX-02-401	LP-12-J04SX-02-401	LP-12-J05SX-02-401	LP-12-J06SX-02-401	LP-12-J07SX-02-401	LP-12-J08SX-02-401	—		—		—							
Panel Mounting Rear Locking 	plastic	Male	LP-12-C02SX-02-101	LP-12-C03SX-02-101	LP-12-C04SX-02-101	LP-12-C05SX-02-101	LP-12-C06SX-02-101	LP-12-C07SX-02-101	LP-12-C08SX-02-101	—		—		—							
		Female	LP-12-J02SX-02-101	LP-12-J03SX-02-101	LP-12-J04SX-02-101	LP-12-J05SX-02-101	LP-12-J06SX-02-101	LP-12-J07SX-02-101	LP-12-J08SX-02-101	—		—		—							

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	Pin Number	2PIN		3PIN		4PIN		5PIN		6PIN		7PIN		8PIN		9PIN		12PIN		14PIN			
	Section diagram	PIN 	Mounting 	PIN 	Mounting 	PIN 	Mounting 	PIN 	Mounting 	PIN 	Mounting 	PIN 	Mounting 	PIN 	Mounting 	—		—		—			
	Current Rating	5A										3A											
	Voltage Rating	AC 125V										AC 100V											
	Cable range	$\varnothing 3.0 \sim \varnothing 6.0 \text{mm}$																					
	Wire Gauge	0.34~0.75mm ² /22-20AWG										0.25~0.34mm ² /24 -22AWG											
	IP Protection Class (Mated)	IP67 (Mated)																					
Termination	Soldering		Soldering/ Screw Locking				Soldering																

Product Picture	material	Part Number (The bold font is a best-sell products)									
Cable connector 	Male	LP-12-C02PE-03-001	LP-12-C03PE-03-001	LP-12-C04PE-03-001	LP-12-C05PE-03-001	LP-12-C06PE-03-001	LP-12-C07PE-03-001	LP-12-C08PE-03-001	—	—	—
	Female	LP-12-J02PE-03-001	LP-12-J03PE-03-001	LP-12-J04PE-03-001	LP-12-J05PE-03-001	LP-12-J06PE-03-001	LP-12-J07PE-03-001	LP-12-J08PE-03-001	—	—	—
In-line Cable connector 	Male	LP-12-C02PP-03-001	LP-12-C03PP-03-001	LP-12-C04PP-03-001	LP-12-C05PP-03-001	LP-12-C06PP-03-001	LP-12-C07PP-03-001	LP-12-C08PP-03-001	—	—	—
	Female	LP-12-J02PP-03-001	LP-12-J03PP-03-001	LP-12-J04PP-03-001	LP-12-J05PP-03-001	LP-12-J06PP-03-001	LP-12-J07PP-03-001	LP-12-J08PP-03-001	—	—	—
Flange Mounting 	Male	LP-12-C02SX-03-401	LP-12-C03SX-03-401	LP-12-C04SX-03-401	LP-12-C05SX-03-401	LP-12-C06SX-03-401	LP-12-C07SX-03-401	LP-12-C08SX-03-401	—	—	—
	Female	LP-12-J02SX-03-401	LP-12-J03SX-03-401	LP-12-J04SX-03-401	LP-12-J05SX-03-401	LP-12-J06SX-03-401	LP-12-J07SX-03-401	LP-12-J08SX-03-401	—	—	—
Panel Mounting Rear Locking 	Male	LP-12-C02SX-03-101	LP-12-C03SX-03-101	LP-12-C04SX-03-101	LP12-C05SX-03-101	LP12-C06SX-03-101	LP12-C07SX-03-101	LP-12-C08SX-03-101	—	—	—
	Female	LP-12-J02SX-03-101	LP-12-J03SX-03-101	LP-12-J04SX-03-101	LP-12-J05SX-03-101	LP-12-J06SX-03-101	LP-12-J07SX-03-101	LP-12-J08SX-03-101	—	—	—

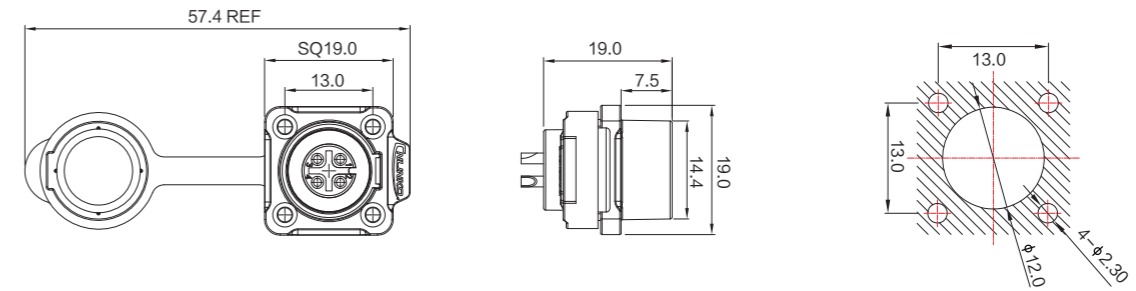
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LP-12 Appearance Dimension

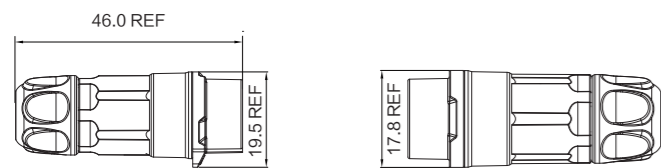
Plastic cable connector



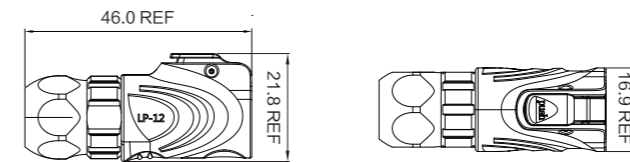
Flange Mounting



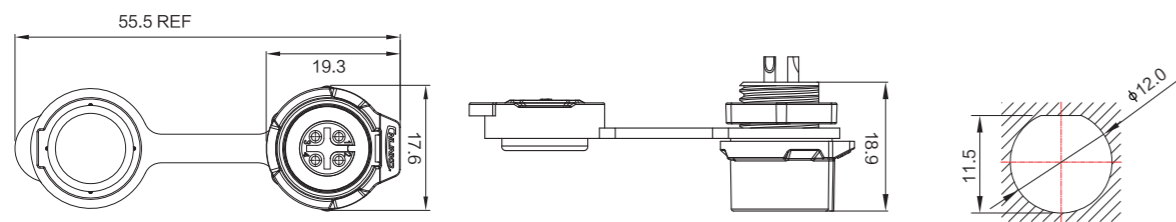
In-line Cable connector



Metal Cable connector



Panel Mounting Rear Locking



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