

Certificates

Through years of efforts, Linko is committed to the connector will be in the international leading level, in the field of industrial connector master the core connection technology, with a number of professional R & d team in the aviation connector has obtained a number of international qualification certification.



High and new technology enterprise



Invention Patents



UL Certification



CQC Certification



ISO9001 Certification



RoHS Certification



TUV Certification



IP67 Certification

Engineering R&D team

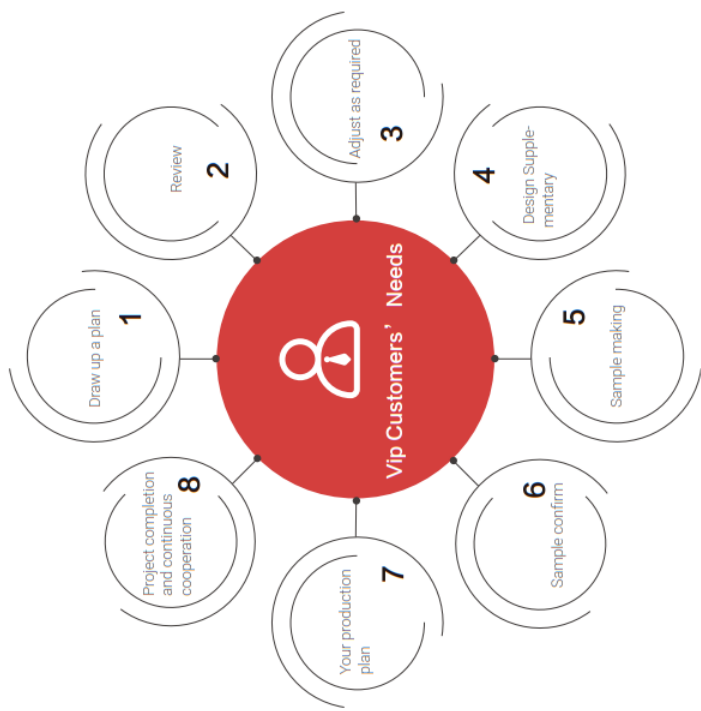
Passion makes our technical innovation continuously extended and preciseness makes our product quality more guaranteed. Excellent design teams make your ideas come true. Rigorous engineering development process makes every step into order. The international advanced material supply guarantees the quality of each product. It is our permanent mission to make your products more value-added.

- Innovation Ability
- Design Ability
- Test Verification Ability
- Normation And Collaboration
- Team Work



Engineering Process

Linko can support you in every step of the project



Production

Production

Lean production is our eternal tenet. Continuous improvement we are doing it every single day. Efficient production capacity, so that each order shipped on time. Automation continues every standard. Linko strongly believed that good quality is Adhering to the concept of lean intelligent production, combined with full automation, flexible production and cell production, to meet the production needs of different products.



Delivery Time

From customer requirements to product design and development, LINKO only needs 20 -rigorous process and standard product testing.

Punctual delivery is our commitment to our customers, strict control of the entire supply chain, the implementation of the production process of "Red And Black Single Management", so that customers are satisfied.



Quality

In order to meet the needs of different types of products to achieve fast and effective shipping response. Set up a professional inventory system to meet your shipping needs at least 20,000 sets per day.

Adhere to the principle of "Quality first", implement the whole process of quality monitoring from feeding to discharging, implement CCD and automatic detection, and eliminate mistake.



Cost

We cherish the cooperation with every customer. In order to rationalize the cost of products and continuously improve the whole process, starting from the design, process, material and efficiency, the production cost is optimized.



CNLINKO Part number Guide

Category 1: Waterproof connector

LP	20	C	03	PE	0	1	001	A
①	②	③	④	⑤	⑥	⑦	⑧ ⑨	⑩
LP/DH/BD/YF/YW/YM/NZ/YA/LK								
① PRODUCT SERIES								
② INSTALLATION SIZE								
12= $\varnothing$ 12mm 16= $\varnothing$ 16mm 20 = $\varnothing$ 20mm 24 = $\varnothing$ 24mm 28 = $\varnothing$ 28mm								
③ TYPE OF NEEDLE								
C=Male pin, J=Female pin, K=Include male and female pin								
④ PIN NO.								
01= single pin 02=2 pin 03=3 pin 04=4 pin								
⑤ GENDER								
PE=Plug, SX=Socket, PP=In-line connector								
⑥ CONNECTING OF WIRE								
0=Soldering 1=Crimping 2=Screwing 3=Riveting								
⑦ SHELL MATERIAL								
1=plastic+metal, 2=plastic, 3=metal								
⑧ SPECIAL CODE								
0=Plug, 1=Single hole socket, 2=Two-hole flange socket								
4=Four-hole flange socket								
⑨ UPDATE CODE								
01-99								
⑩ A								
Product version								

* The encoding is slightly different for reference standard universal data and signal interfaces such as USB HDMI RJ45 optical fibers
For example:

LP	24	C	/USB3A100/	PE	01	0	01
①	②	③	④	⑤	⑥ ⑦	⑧	⑨
LP/DH/BD							
① PRODUCT SERIES							
② INSTALLATION SIZE							
12= $\varnothing$ 12mm 16= $\varnothing$ 16mm 20 = $\varnothing$ 20mm 24 = $\varnothing$ 24mm							
③ TYPE OF NEEDLE							
C=Male pin, J=Female pin							
④ GENDER							
USB/HDMI/RJ45/FO							
⑤ TYPE OF NEEDLE							
PE=Plug, SX=Socket, PP=In-line connector							
⑥ CONNECTING OF WIRE							
0=Soldering 1=Crimping 2=Screwing 3=Riveting							
⑦ MATERIAL							
1=plastic+metal, 2=plastic, 3=metal							
⑧ SPECIAL CODE							
0=plug, 1=Single hole socket, 2=Two-hole flange socket							
4=Four-hole flange socket							
⑨ FLOW CODE							
01-99							

Category 2: Signal, data connector

YT	RJ45	C PE	10	001
①	②	③ ④	⑤	⑥
YT/YU				
① PRODUCT SERIES				
USB/RJ45				
② INTERFACE CATEGORY				
C=Male, J=Female				
③ Male and female				
④ GENDER				
PE=Plug, SX=Socket, PP=In-line connector				
⑤ SERIAL CODE				
10				
⑥ FLOW CODE				
01-99				

LP Quick Push Pull Locking Waterproof Connector

Onlinko LP series waterproof connectors have been widely used in various challenging environments and occasions with its high precision, high quality automatic plugging and self-locking devices. Such as audio-visual equipment, medical equipment, industrial control, detection and measurement equipment, AV systems, radio and television and communications industry and so on.

Simple operation, fast and stable link device, challenging outdoor waterproof performance. To meet the environmental protection requirements of industrial equipment in the world while satisfying the quality.



- M12-M28
- IP Protection Class (Mated): IP67

Linko LP series multi-applied connector, Simple operation, fast and stable link device, and its outdoor waterproof property has achieved IP67 IP Protection Class. To meet the environmental protection requirements of industrial equipment in the world while satisfying the quality.

- Series product information:

Series : LP- 12 、 LP- 16 、 LP- 20 、 LP- 24 、 LP- 28

Hole size: M12 、 M16、 M20、 M24、 M28

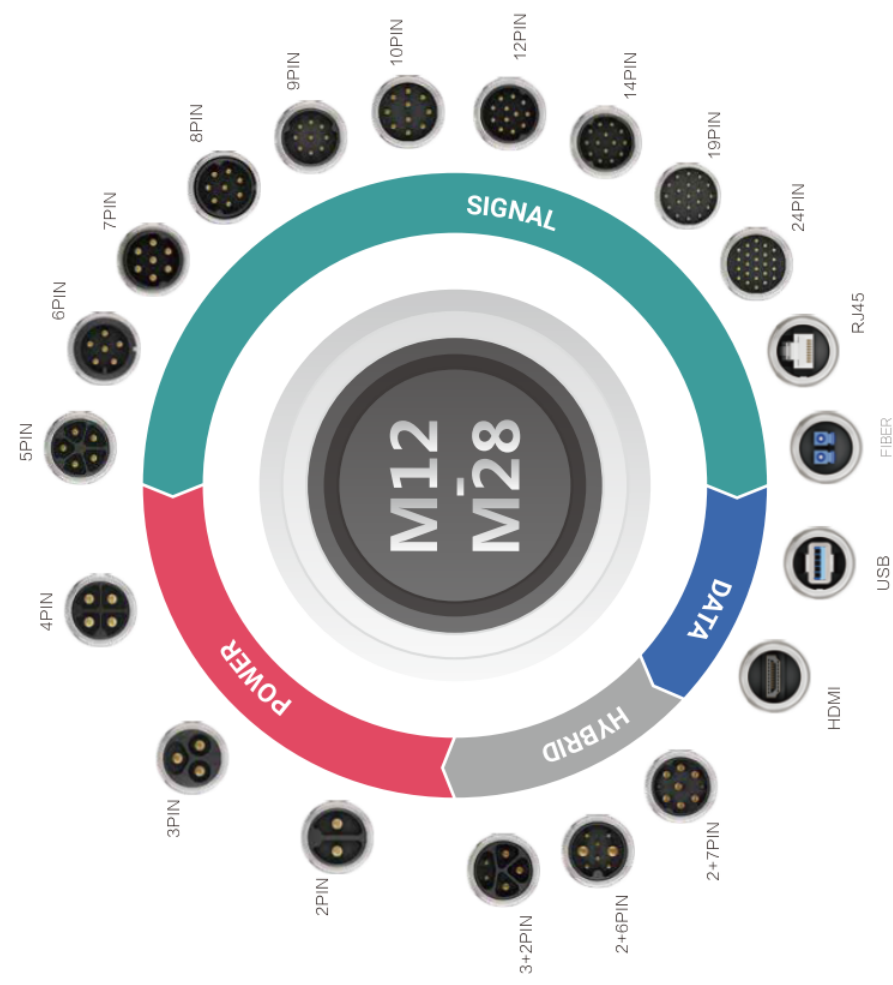
Application type : Multi-core (2、 3、 4、 5、 6、 7、 8、 9、 10、 12、 14、 19、 24pin and customized 3+2、 2+6、 2+7pin)

Signal (RJ45、 Fibre)

Data (USB2.0 、 USB3.0、 HDMI)

Material type: plastic、 plastic+metal、 metal

- Application Of Graphic



Series information graph

LP-12 series information Graph

Product application type:

Power: 2/3/4/5pin

Signal: 6/7/8pin

The voltage can arrive 250v when the power connection is working, rated current 5A(2~5pin), 3A(6~8pin),the shielded connector can be chosen.

- Multi-core
Cable Range: $\phi 3.0 \sim \phi 6.0 \text{mm}$

LP-16 series information Graph

Product application type:

Power: 2/3/4pin

Signal: 5/7/8/9pin, RJ45, Fibre

The voltage rating of power supply connection can reach 500V, 10A(2, 3, 4 cores), 5A(5, 7, 8, 9 cores), the shielded connector can be chosen.

- Multi-core
Cable Range: $\phi 3.0 \sim \phi 9.0 \text{mm}$

LP-20 series information Graph

Product application type:

Power: 2/3/4pin

Signal: 5/7/9/12/14pin

The voltage can arrive 500v when the power connection is working, rated current 20A(2, 3, 4pin), 12A(5, 7pin), the shielded connector can be chosen.

- Multi-core
Cable Range: $\phi 5.0 \sim \phi 13.0 \text{mm}$

LP-24 series information Graph

Product application type:

Power: 3/4pin

Signal: 10/12/19/24pin, RJ45, Fibre

Data : USB, HDMI

The voltage can arrive 500v when the power connection is working, rated current 25A (3, 4pin) , 10A (10, 12pin), 5A (19, 14pin) , the shielded connector can be chosen.

- Multi-core
Power Cable range: $\phi 9.0 \sim \phi 14.0 \text{mm}$
- Signal Type
RJ45 Cable Range: $\phi 5.0 \sim \phi 6.5 \text{mm}$
FIBER Cable Range: $\phi 5.0 \sim \phi 6.5 \text{mm}$
- Data Type
USB Cable Range: $\phi 5.0 \sim \phi 6.5 \text{mm}$
HDMI Cable Range: $\phi 5.0 \sim \phi 6.5 \text{mm}$



LP-28 series information Graph

Product application type:

Power: 2/3pin

Signal: 8pin

The rated voltage of power supply connection can reach 500V, rated current 50A(2pin), 35A (3pin) , 15A (8 pin),Shielding connectors are optional.

- Multi-core
Cable Range: $\phi 13.0 \sim \phi 20.0 \text{mm}$

Characteristics



Reliable waterproof property

- LP series protection level up to ip67 when mated, for the equipment to provide good electrical protection performance.



Various wiring modes

- LP series waterproof connectors adopts two wiring modes, screwing and soldering (3PIN adopts screwing and soldering at present).



Stable and secure connection

- Use spring button fastening connection, convenient and fast, safe and firm.



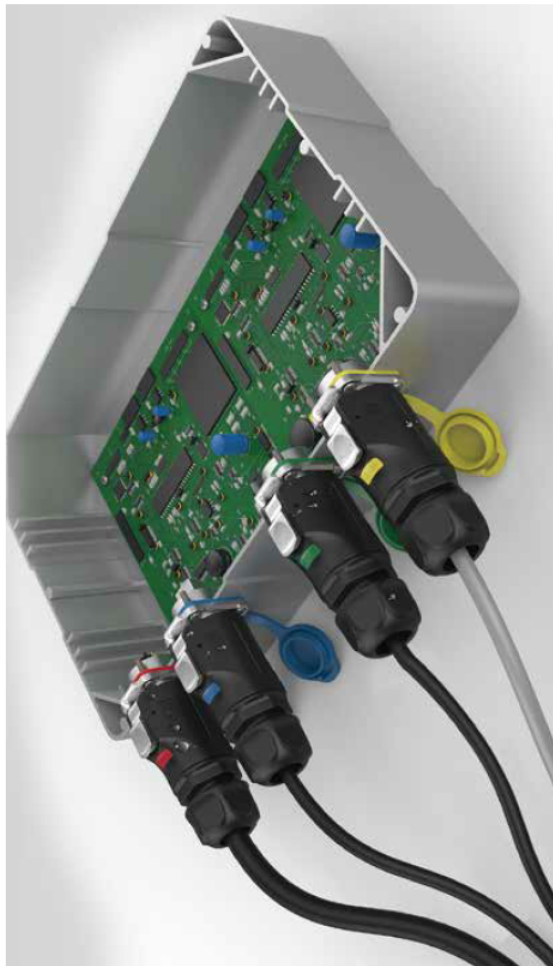
Structural Sketch

- Precise structural positioning system ensures the safety and stability of connection performance.



Installation mode

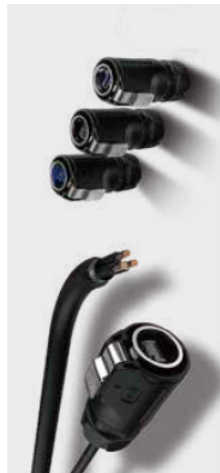
- Linko LP series products are adopting Flange Mounting, Panel Mounting installation mode, can be used in front or rear of the plate connection, but also used the board outside line installation mode.



LP-24 be used in Control Box of Machinery Equipment



- In-line connector



- Ergonomic structural process design, built from a harsh testing environment



- Waterproof ,High temperature resistance and cold resistance.



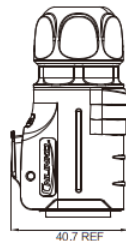
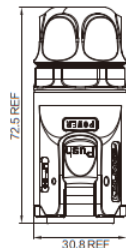
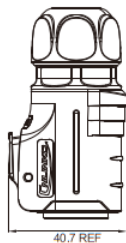
- Anti-electronic interference, faster transmission, safer, more stable.

LP-20											
Product Series	2PIN	3PIN	4PIN	5PIN	6PIN	7PIN	8PIN	9PIN	12PIN	14PIN	
Pin Number					—		—				
Section diagram					—		—				
Current Rating	20A			10A			5A				
Voltage Rating	AC 500V			AC 500V			AC 250V				
Cable range	ϕ9.0~ϕ13.0mm			ϕ7.0~ϕ10.0mm			ϕ7.0~ϕ10.0mm				
Wire Gauge	2.5~4.0mm²/14-12AWG			1.0~1.5mm²/18-16AWG			0.34~0.75mm²/22-20AWG				
IP Protection Class (Mated)	IP67 (Mated)										
Termination	Soldering	Soldering/ ScrewLocking		Soldering							
material	PartNumber (The bold font is a best-sell products)										
Plastic / Metal	Male	LP-20-C02PE-01-001A	LP-20-C03PE-01-001A	LP-20-C04PE-01-001A	LP-20-C05PE-01-001A	—	LP-20-C07PE-01-001A	—	LP-20-C09PE-01-001A	LP-20-C12PE-01-001A	LP-20-C14PE-01-001A
	Female	LP-20-J02PE-01-001A	LP-20-J03PE-01-001A	LP-20-J04PE-01-001A	LP-20-J05PE-01-001A	—	LP-20-J07PE-01-001A	—	LP-20-J09PE-01-001A	LP-20-J12PE-01-001A	LP-20-J14PE-01-001A
	Male	LP-20-C02PP-01-001A	LP-20-C03PP-01-001A	LP-20-C04PP-01-001A	LP-20-C05PP-01-001A	—	LP-20-C07PP-01-001A	—	LP-20-C09PP-01-001A	LP-20-C12PP-01-001A	LP-20-C14PP-01-001A
	Female	LP-20-J02PP-01-001A	LP-20-J03PP-01-001A	LP-20-J04PP-01-001A	LP-20-J05PP-01-001A	—	LP-20-J07PP-01-001A	—	LP-20-J09PP-01-001A	LP-20-J12PP-01-001A	LP-20-J14PP-01-000
	Male	LP-20-C02SX-03-401A	LP-20-C03SX-03-401A	LP-20-C04SX-03-401A	LP-20-C05SX-03-401A	—	LP-20-C07SX-03-401A	—	LP-20-C09SX-03-401A	LP-20-C12SX-03-401A	LP-20-C14SX-03-401A
	Female	LP-20-J02SX-03-401A	LP-20-J03SX-03-401A	LP-20-J04SX-03-401A	LP-20-J05SX-03-401A	—	LP-20-J07SX-03-401A	—	LP-20-J09SX-03-401A	LP-20-J12SX-03-401A	LP-20-J14SX-03-401A
	Male	LP-20-C02SX-03-201A	LP-20-C03SX-03-201A	LP-20-C04SX-03-201A	LP-20-C05SX-03-201A	—	LP-20-C07SX-03-201A	—	LP-20-C09SX-03-201A	LP-20-C12SX-03-201A	LP-20-C14SX-03-201A
	Female	LP-20-J02SX-03-201A	LP-20-J03SX-03-201A	LP-20-J04SX-03-201A	LP-20-J05SX-03-201A	—	LP-20-J07SX-03-201A	—	LP-20-J09SX-03-201A	LP-20-J12SX-03-201A	LP-20-J14SX-03-201A
	Male	LP-20-C02SX-03-101A	LP-20-C03SX-03-101A	LP-20-C04SX-03-101A	LP-20-C05SX-03-101A	—	LP-20-C07SX-03-101A	—	LP-20-C09SX-03-101A	LP-20-C12SX-03-101A	LP-20-C14SX-03-101A
	Female	LP-20-J02SX-03-101A	LP-20-J03SX-03-101A	LP-20-J04SX-03-101A	LP-20-J05SX-03-101A	—	LP-20-J07SX-03-101A	—	LP-20-J09SX-03-101A	LP-20-J12SX-03-101A	LP-20-J14SX-03-101A

LP-20																				
Product Series	2PIN		3PIN		4PIN		5PIN		6PIN		7PIN		8PIN		9PIN		12PIN		14PIN	
Pin Number	PIN	Mounting	PIN	Mounting	PIN	Mounting	PIN	Mounting	PIN	Mounting	PIN	Mounting	—		PIN	Mounting	PIN	Mounting	PIN	Mounting
Section diagram									—				—							
Current Rating	20A				AC 500V				10A				—				5A			
Voltage Rating	AC 500V				AC 500V				AC 500V				—				AC 250V			
Cable range	$\varnothing 9.0\sim\varnothing 13.0\text{mm}$				$\varnothing 9.0\sim\varnothing 13.0\text{mm}$				$\varnothing 7.0\sim\varnothing 10.0\text{mm}$				$\varnothing 7.0\sim\varnothing 10.0\text{mm}$				$\varnothing 7.0\sim\varnothing 10.0\text{mm}$			
Wire Gauge	2.5~4.0mm ² /14-12AWG				2.5~4.0mm ² /14-12AWG				1.0~1.5mm ² /16AWG				1.0~1.5mm ² /16AWG				0.34~0.75mm ² /22-20AWG			
IP Protection Class (Mated)	IP67 (Mated)				IP67 (Mated)				IP67 (Mated)				IP67 (Mated)				IP67 (Mated)			
Termination	Soldering		Soldering / ScrewLocking		Soldering		Soldering / ScrewLocking		Soldering		Soldering / ScrewLocking		Soldering		Soldering / ScrewLocking		Soldering		Soldering / ScrewLocking	
material	PartNumber																			
Plastic / Metal	Male	LP-20-C02PE-02-001A	LP-20-C03PE-02-001A	LP-20-C04PE-02-001A	LP-20-C05PE-02-001A	—		LP-20-C07PE-02-001A	—		LP-20-C09PE-02-001A	LP-20-C12PE-02-001A	LP-20-C14PE-02-001A							
	Female	LP-20-J02PP-02-001A	LP-20-J03PP-02-001A	LP-20-J04PP-02-001A	LP-20-J05PP-02-001A	—		LP-20-J07PP-02-001A	—		LP-20-J09PP-02-001A	LP-20-J12PP-02-001A	LP-20-J14PP-02-001A							
	Female	LP-20-J02SX-02-101A	LP-20-J03SX-02-101A	LP-20-J04SX-02-101A	LP-20-J05SX-02-101A	—		LP-20-J07SX-02-101A	—		LP-20-J09SX-02-101A	LP-20-J12SX-02-101A	LP-20-J14SX-02-101A							
Metal Cable connector	Male	LP-20-C02PE-03-001A	LP-20-C03PE-03-001A	LP-20-C04PE-03-001A	LP-20-C05PE-03-001A	—		LP-20-C07PE-03-001A	—		LP-20-C09PE-03-001A	LP-20-C12PE-03-001A	LP-20-C14PE-03-001A							
	Female	LP-20-J02PE-03-001A	LP-20-J03PE-03-001A	LP-20-J04PE-03-001A	LP-20-J05PE-03-001A	—		LP-20-J07PE-03-001A	—		LP-20-J09PE-03-001A	LP-20-J12PE-03-001A	LP-20-J14PE-03-001A							

LP-24 Appearance Dimension

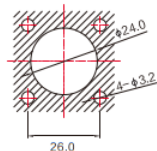
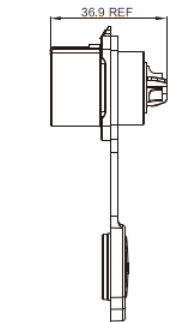
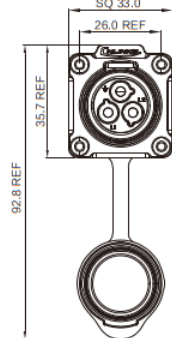
■ Plastic Cable connector



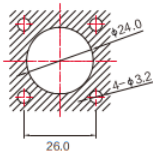
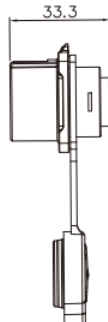
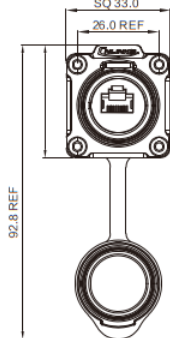
■ HDMI Cable connector



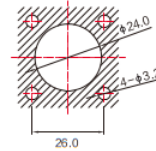
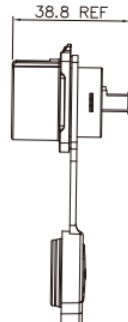
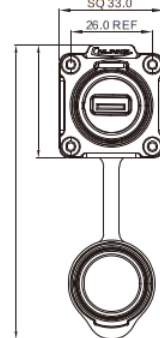
■ Power Flange Panel Mounting



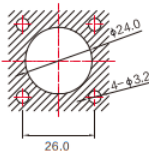
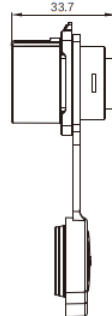
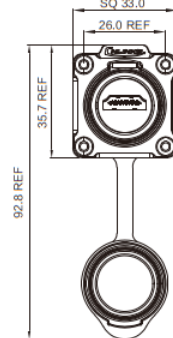
■ RJ45 Flange Panel Mounting



■ USB Flange Panel Mounting

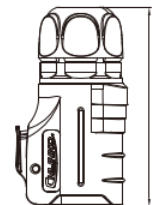


■ HDMI Flange Panel Mounting

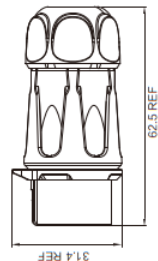


LP-20 Appearance Dimension

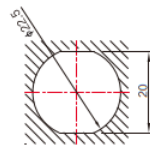
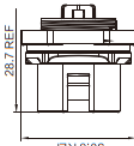
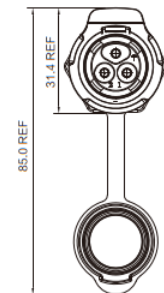
■ Plastic Cable connector



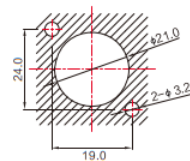
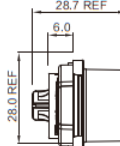
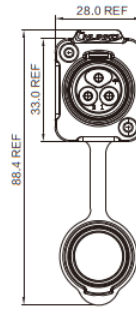
■ In-line Cable connector



■ Panel Mounting Rear Locking



■ 2 Holes Flange Mounting



■ 4 Holes Flange Mounting

