



2019

Shenzhen Perlink Technology Co.,Ltd

Original high performance push-pull circular connectors

PERLINK Connectors connect the world connect future

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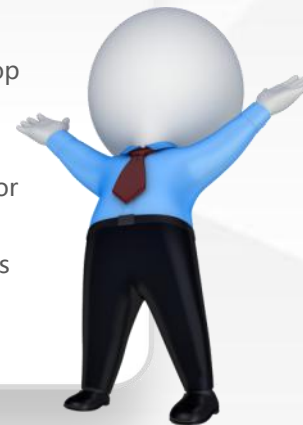
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COMPANY PROFILE

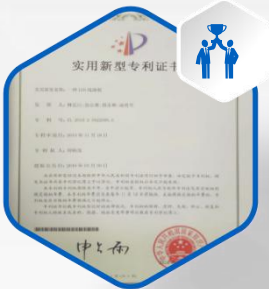


Perlink Technology Co.,Ltd products are widely used in medical equipment, industrial equipment, OA, AV equipment, communications electronics, military, aerospace and automotive electronics. At the same time, the products have good compatibility and are compatible with the products of many leading companies in the world. The company provides OEM/ODM customized services for specific industry applications and specific needs, providing customers with the most cost-effective professional connector application solutions and technical service support.

Perlink Technology always adheres to the development tenet of "survive by quality, develop by benefit", and the business philosophy of "customer-oriented, honest-oriented". The spirit of honesty, innovation, dedication, and advancing, the modern management mode, the spirit of employees' unity and uplifting, and the tireless professionalism are the most powerful guarantee for the development of the company. Accurate quality, strict delivery, and perfect service are Our standards. Corporate Philosophy : To make customers more competitive with high-quality products and services, and to provide outstanding engineering solutions to meet each unique user's needs. Core values of the company : quality wins customers, reputation creates benefits.



Our company has the core advantages of engineering design and testing equipment. We apply for various patents in the appearance of products, such as the following, covering the push-pull self-locking principle and 360-degree shielding technology, etc., to provide customers with durable and high-quality products with the latest technology.



01.
Plastic connector



02.
Plastic connector



03.
Metal connector



04.
Metal connector



05.
Pneumatic connector



Our Mission :

Promote world prosperity
through connector solutions

Enterprise vision :

Innovative and progressive
core, the core of harvest

Enterprise core value :

Quality wins customers,
reputation creates benefits.

Enterprise Slogan :

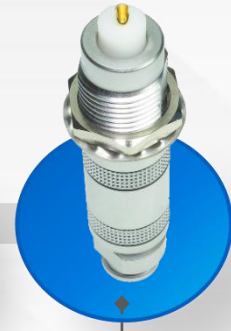
Your heart, my heart, always
connected.

Corporate team



Product introduction

Model Number::
FGG.2K.308.CLAD82+EGG.2K.308.CLL
Contacts:: 8Pins
Contact plating:: Gold-plated brass alloy
Brand Name:: Perlink



Model Number::
FFA.1S.275.CLAD52Z+ERA.1S.275.CLL1.3
Contacts:: 1Pins
Contact plating:: Gold-plated brass alloy
Brand Name:: Perlink

Model Number:: FGG.1B.316.CLAD72Z
Contacts:: 6Pins
Contact plating:: Gold-plated brass alloy
Brand Name:: Perlink



Model Number::
FHG.2B.319.CLAD92+ECG.2B.319.CLL
Contacts:: 9Pins
Contact plating:: Gold-plated brass alloy
Brand Name:: Perlink

Model Number:: PHG.1B.306.CLLD52Z
Contacts:: 6Pins
Contact plating:: Gold-plated brass alloy
Brand Name:: Perlink

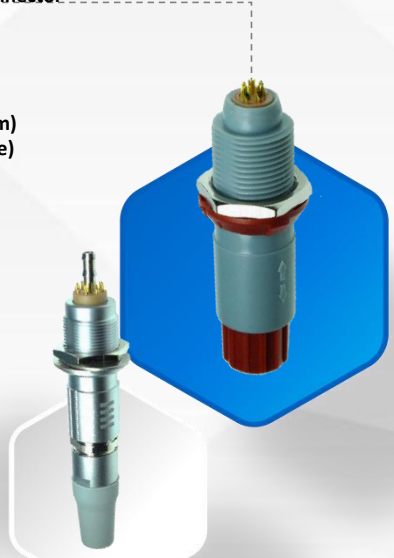


Model Number::
FGG.3B.312.CLAD92+ECG.3B.312.CLV 90
Contacts:: 12Pins
Contact plating:: Gold-plated brass alloy
Brand Name:: Perlink

Product description

Suitable model :
Item Code :
Size :
Temperature range:
Main features:
Line length:
Housing plastic:

Compatible LEMOs Connector
1P 5Pin
D13.5*44.5
-55°C~+250°C
Push-pull self-latching
Can be customized (mm)
Silver(Multicolor choice)



Suitable model :
Item Code :
Size :
Temperature range:
Main features:
Line length:
Housing plastic:

Compatible LEMOs Connector
3B 9Pin
D18*58
-55°C~+250°C
Push-pull self-latching
Can be customized (mm)
Silver(Multicolor choice)



Suitable model :
Item Code :
Size :
Temperature range:
Main features:
Line length:
Housing plastic:

Compatible LEMOs ComplexConnector
1B+ 5P
D18*63
-55°C~+250°C
Push-pull self-latching
Can be customized (mm)
Silver(Multicolor choice)



Suitable model :
Item Code :
Size :
Temperature range:
Main features:
Line length:
Housing plastic:

Compatible LEMOs Pneumatic Connector
1P 1Pin
D13.5*44.5
-55°C~+250°C
Push-pull self-latching
Can be customized (mm)
Silver(Multicolor choice)



Product description



Aviation level
Shell Material

Brass with chrome,
Gold plated



Grounding piece
Copper alloy nickel plating

Earthing cone
safe ,stabilization



Collet

The size of the clip to
be selected according
to the outer diameter of
the wire



Insert Material:
PPS&PEEK



Flexible gasket
Effective buffering &
protection

metal washer



Collet cut

Brass with chrome,
Gold plated

Bend relief

The jacket is available
in 7 colors



Item	W1		W2	
Poor quality	w1-1	Current density	W2-1	Current density affects the crystallization effect of the coating
	w1-2	Current waveform	W2-2	The current waveform has an influence on the crystal structure, brightness, dispersion ability and covering ability of the plating layer, and pulse current is now used.
	W1-3	Electrode	W2-3	The shape, size and position of the electrode affect the distribution of the coating
	W1-4	Plating solution composition	W2-4	Additives, conductive salts, metal ion concentration, etc. directly affect the quality of the coating, thus affecting product quality
	W1-5	Plating solution temperature	W2-5	Appropriate temperature can improve the conductivity of the solution, promote anode dissolution, improve cathode current efficiency, reduce pinholes, reduce stress in the coating, etc.
	W1-6	Plating solution stirring	W2-6	Accelerate solution convection and reduce the concentration polarization of the cathode
	W1-7	Product surface status	W2-7	The better the plating effect of the clean and flat base surface
	W1-8	Product shape	W2-8	Affect current distribution, positional positioning, etc.



1.

Pass the cable through the sheath A, the tail nut B, the cable clamp C, and follow the order to the insulator assembly D.

2.

Attach the two-piece insulator snap ring D to the soldered insulator assembly E. Note that the window on the snap ring D corresponds to the protrusion on the insulator assembly E.

3.

Install the cable clamp C to the appropriate position of the electrical system. Note that the projection on the cable clamp C corresponds to the groove on the insulator snap ring D.

4.

Push the insulator assembly E, the insulator snap ring D, and the cable clamp C into the plug assembly in turn, and note that the protrusions on the insulator snap ring D are correspondingly inserted into the notches in the plug assembly E.

5.

Screw the tail nut B onto the plug assembly E.

6.

Slide the sheath A onto the corresponding step of the tail nut B.

K series Installation instructions(Plugs)



2. Install the insulator snap ring G onto the insulator assembly H. Note that the protrusion of the insulator snap ring B corresponds to the notch of the insulator assembly H, and the shield wire is pressed in sequence, The cable seal E, the V-shaped pad D, and the cable clamp C are pushed into the proper positions to ensure that the complete outer skin of the cable is inserted into the shielded wire ring F.

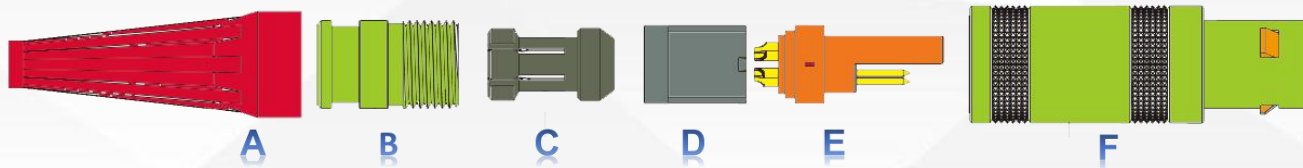
4. Tighten the tail nut B onto the plug assembly I.

1. Pass the cable through the sheath A, the tail nut B, the cable clamp C, the v-shaped pad D, the cable seal E, the shielded wire pressure ring F, and solder to the insulator in order.
On the corresponding pin of component G

3. Insert the assembled insulator assembly H into the header assembly I, noting that the notch on the insulator collar A corresponds to the protrusion in the header assembly I.

5. Attach the sheath A to the tail nut B.

S series Installation instructions(Plugs)

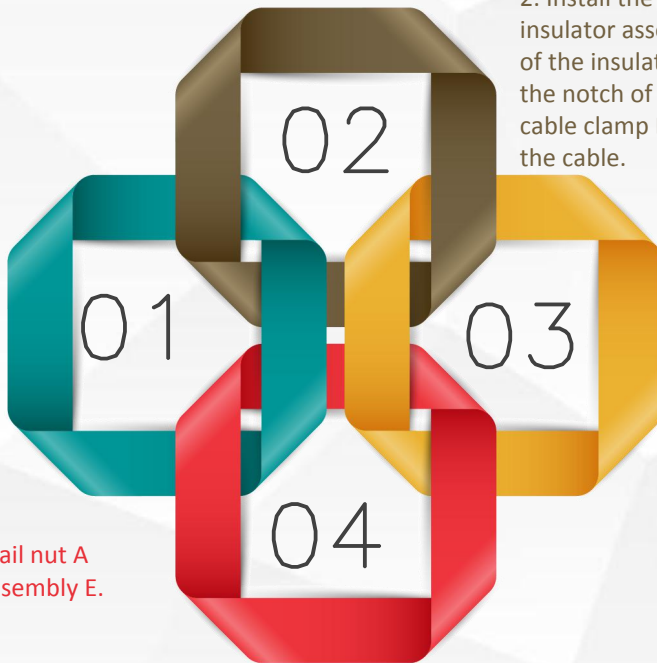


1. Route the cable through the tail nut A, the cable clamp B, and the insulator retaining ring C in sequence, and solder them to the insulator assembly D in order.

2. Install the insulator retaining ring C onto the insulator assembly D. Note that the projection of the insulator retaining ring C corresponds to the notch of the insulator assembly D, and the cable clamp B is placed at a suitable position on the cable.

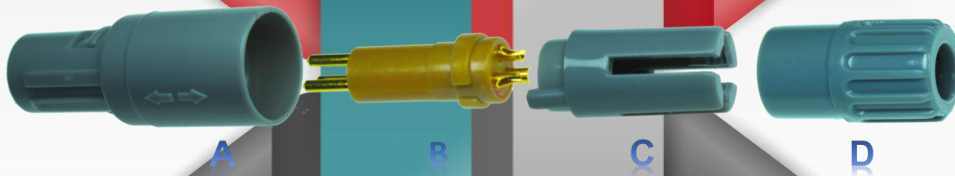
3. The assembled cable clamp B, the insulator retaining ring C and the insulator assembly D are pushed into the plug assembly E.

4. Tighten the tail nut A into the plug assembly E.



1. Route the cable through the tail nut D and the cable clamp C in sequence to the corresponding position of the insulator assembly B.

2. Attach the cable clamp C to the welded insulator assembly B. Note that the projection of the cable clamp C corresponds to the groove of the insulator B.

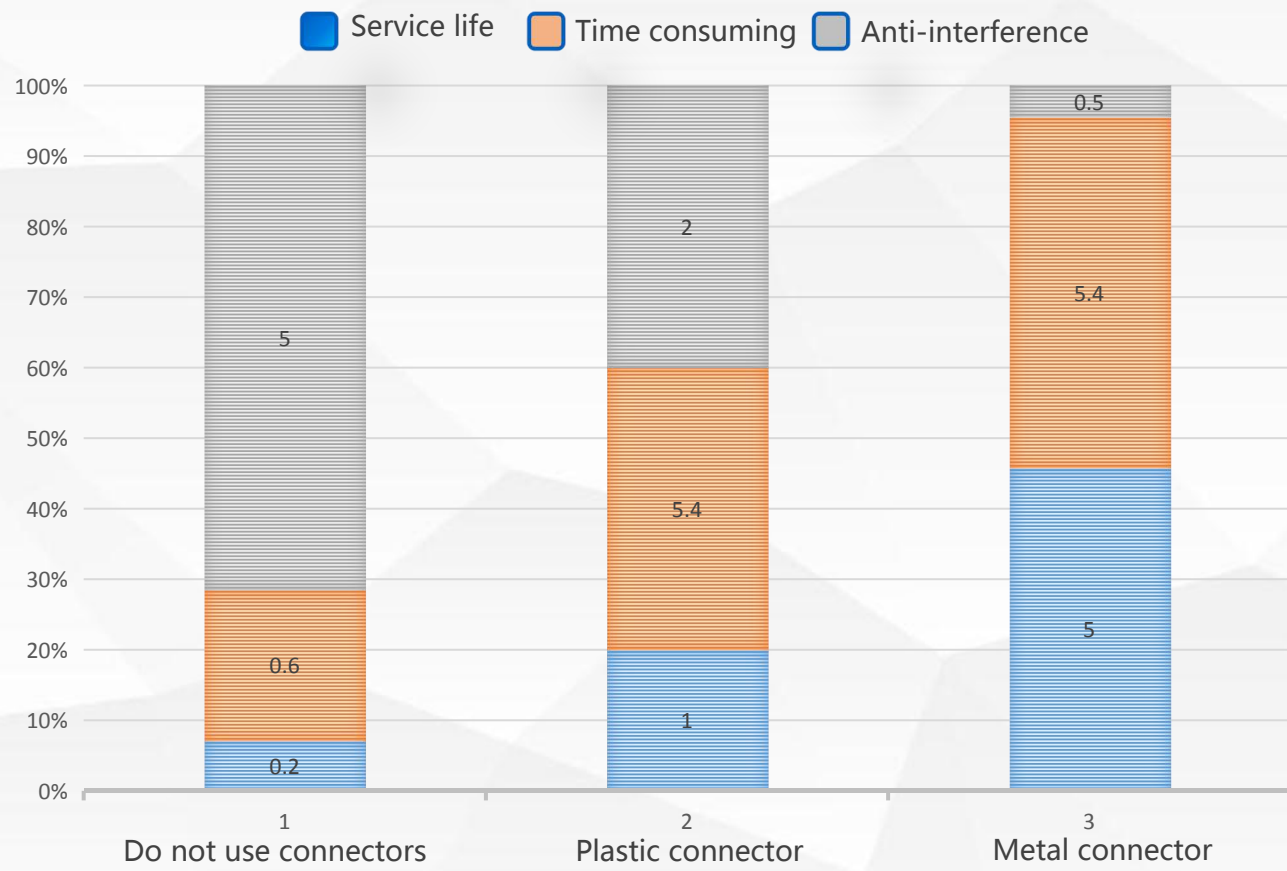


4. Insert the tail nut D into the plug assembly A and tighten the tail nut.

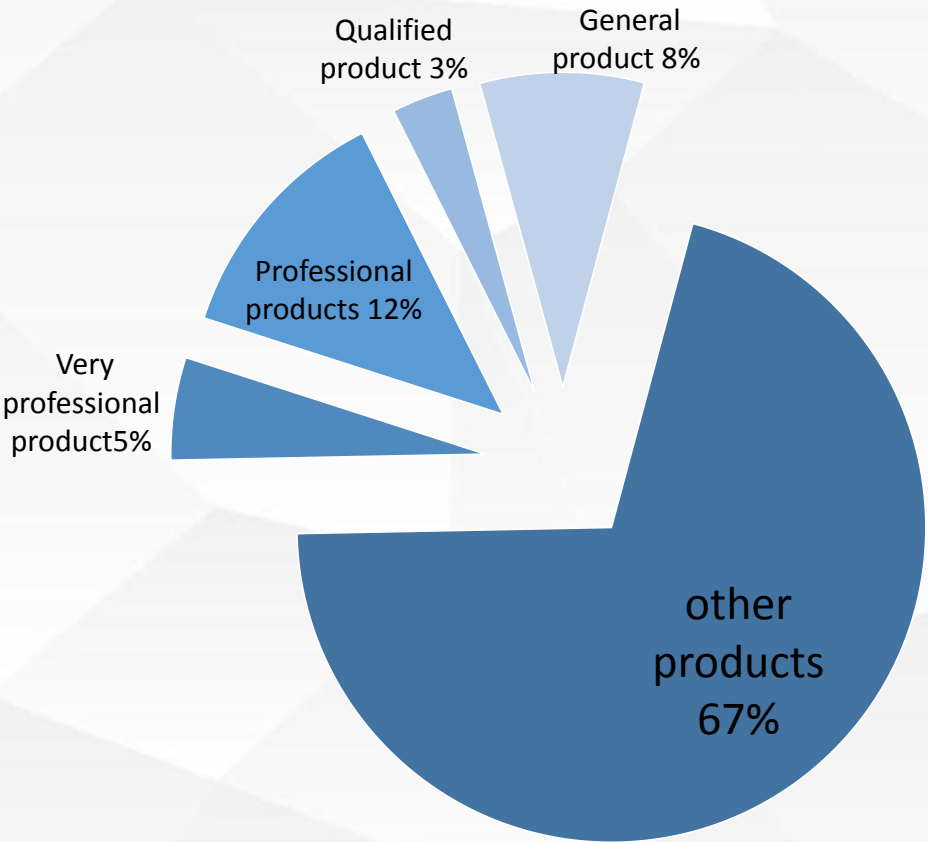
3. Insert the insulator B assembly into the header assembly A, taking care that the projections on the cable clamp C are to be inserted in correspondence with the recesses in the header assembly A.



Performance comparison



Product market analysis







Quality control test

We focus on the I/PQC process and strictly perform AQL sampling checks. Cooperate with the supplier to confirm that all materials meet the product requirements.



A

Data signal detection

The performance of each line is tested to ensure that the first product is the best for each line, ensuring that every data point is working properly every moment.



B

High ,low T detection

Through the high and low temperature chamber test, the connector test effect is closer to the natural climate, and the harsher natural climate is simulated, so that the tested sample is more reliable.



C

Water-proof test

Through strict water resistance test, we strictly test the harsh environment to ensure that each product is 100% able to stand the test of various environments.



D



01



5 branches

02



**Valuation of 100
million**

03



World leader

We are the pioneers of category innovation, occupying the minds of consumers with new categories, jumping out of the competitive Red Sea and opening up a brand new blue ocean market!



2019

THANK YOU FOR WATCHING

Perlink connectors connect the world connect future