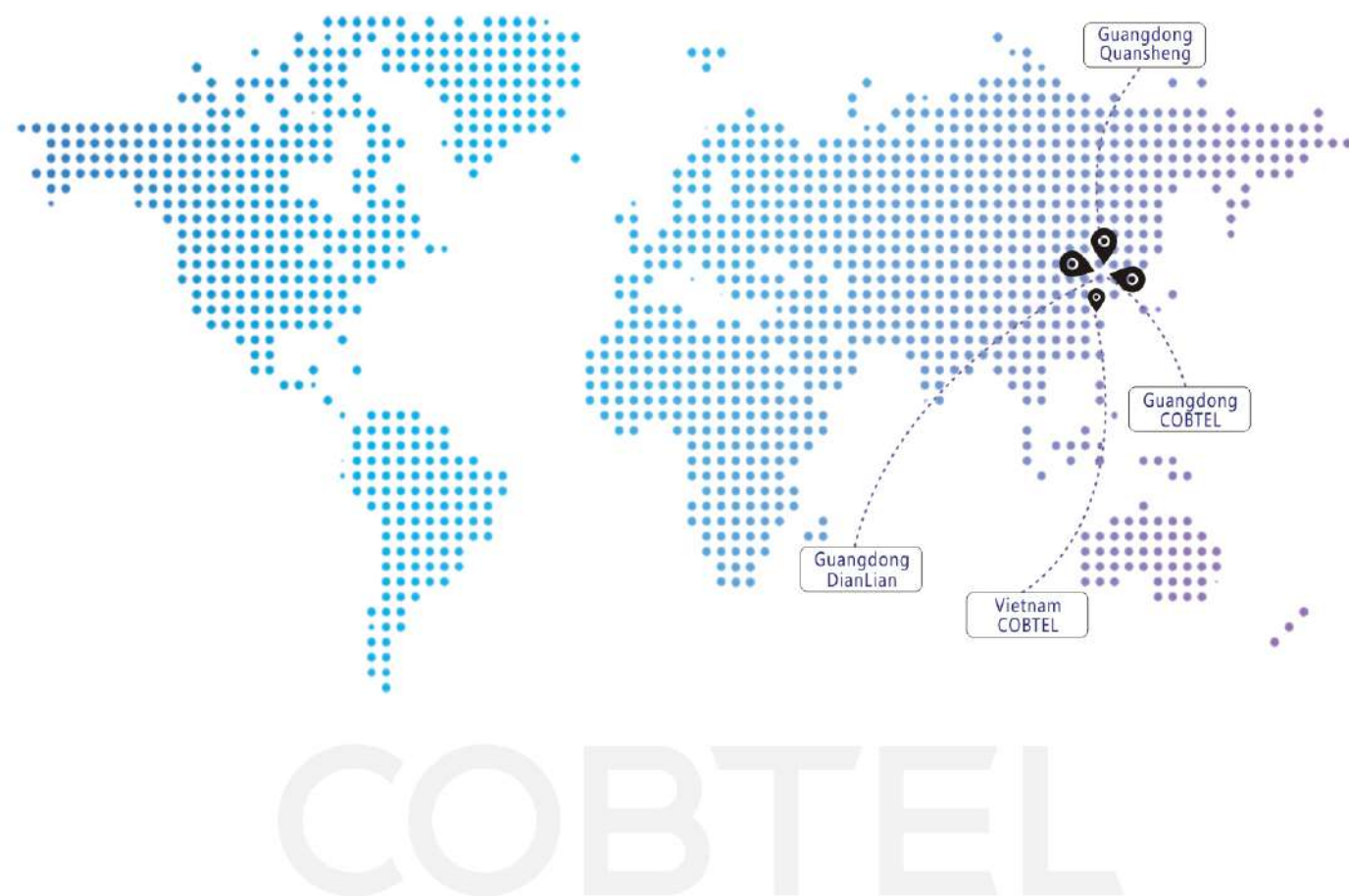




COBTel

COBTel PRECISION ELECTRONICS CO.,LTD.

ADD: No.9, ChuangXin Road, YanWu Community, Wanjiang District, Dongguan City, Guangdong Province, China.

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COBTel®

Modular Plugs

Professional Modular Plug Manufacturer



COBTel Connecting The World

✓ Better material ✓ Faster delivery ✓ Polished pins

COBTel Precision Electronics Co., Ltd.



Wechat Official Account



CNCOB Digital Flagship Store

IEC 60603-7

FCC 68.500

CE cUL US

ISO 9001



Company Profile

Established in June 2006 and headquartered at No. 9 Wanjiang Innovation Road, Wanjiang Street, Dongguan, Guangdong, COBTEL Precision Electronics Co., Ltd. is a premier high-tech enterprise. We are recognized as a National "Little Giant" Enterprise (Specialized and Sophisticated), a Dongguan "Multiplier Plan" Enterprise, and a Dongguan Gazelle Enterprise. Operating seven subsidiaries—including Guangdong Dianlian, Guangdong QS, Hong Kong COBTEL, and Vietnam COBTEL—our facilities span a total area of 41,731 square meters and employ a dedicated workforce of over 500 professionals. We maintain a national-level CNAS-accredited laboratory and possess robust, independent production capabilities featuring automated manufacturing equipment developed in-house. Driven by our Innovation R&D Center

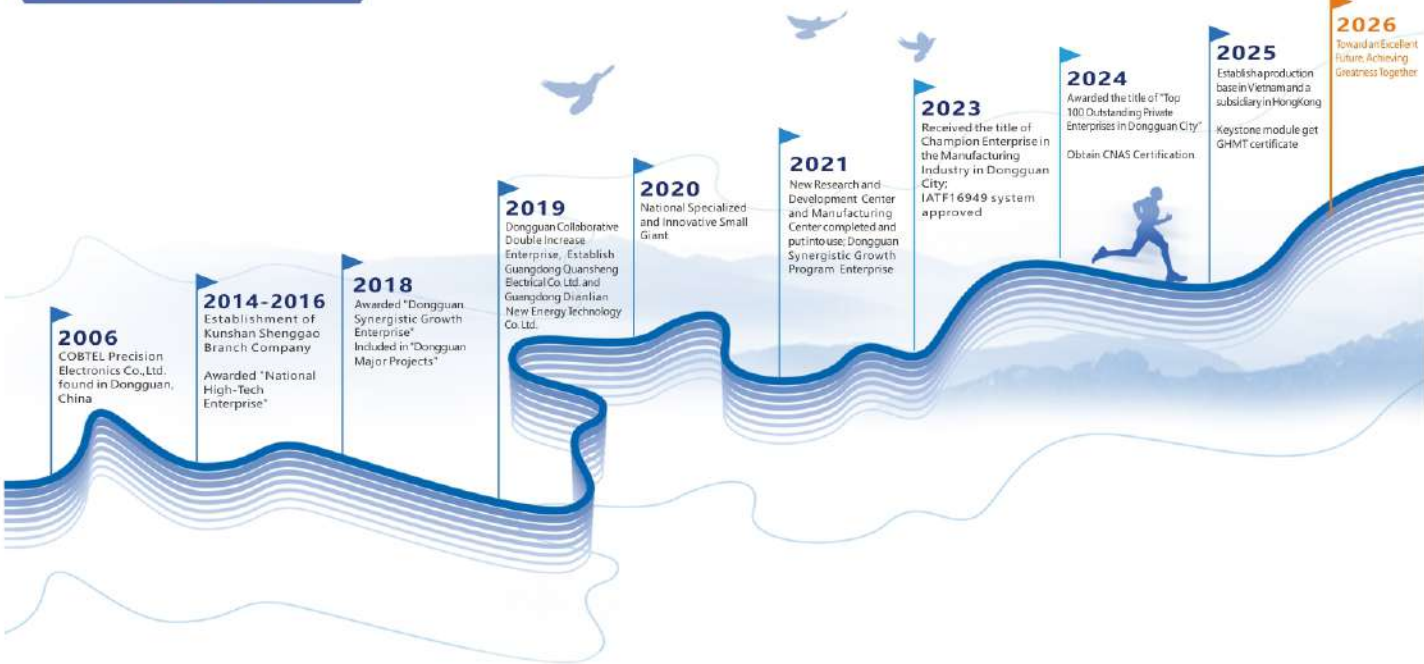
The company produces and sells well-known brand CNCOB modular plugs and integrated cabling system related products, has a complete production process chain, mold design and manufacturing, precision metal stamping, injection molding, finished product assembly and other production lines, and has project design and manufacturing capabilities. The testing equipment includes network analyzers, CMM, German FISCHER X-ray fluorescence thickness gauges, FLUKE DSX-5000/8000 network data analyzers, salt spray testers, projectors and other testing instruments.

In 2021, the output of the company's main product-modular plug reach 5 million pieces a day and 1.5 billion pieces a year, Ranked at the forefront in the field of modular plug subdivision, and integrated cabling products are also among the best at home and abroad. Many of the world's top ten integrated cabling brands have chosen us as their suppliers. Terminal products have been sold to many countries and regions around the world. The company's products have passed UL, CSA, CE, SGS, ETL, RCM, GHMT, 3C and other international and domestic certifications, and The company has obtained certifications such as ISO 14001:2015 Environmental Management System and TS16949. Our middle and senior managers have 35 years of experience in integrated cabling connectors production in global brands enterprises. The company will continue to strengthen cooperation with well-known enterprises at home and abroad!



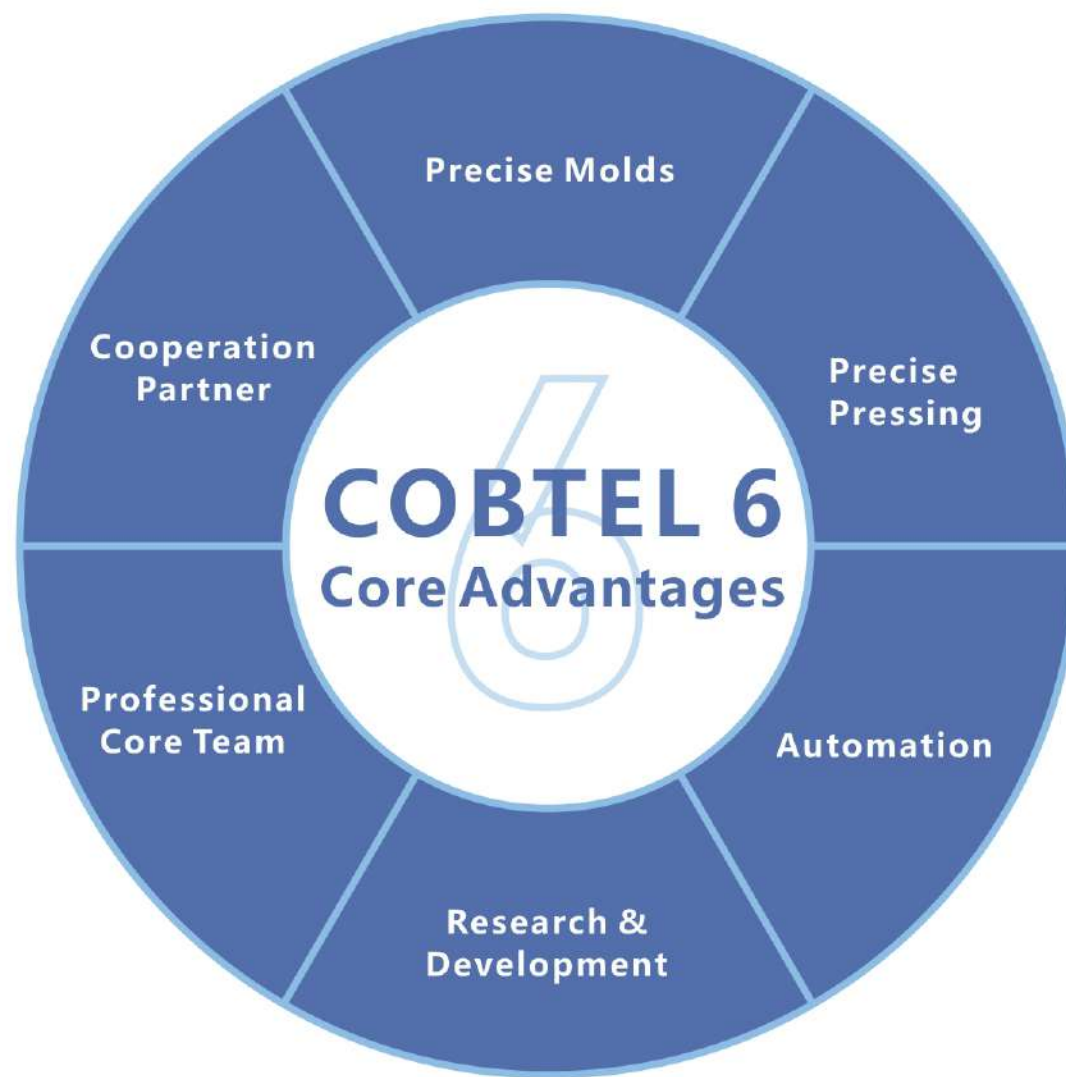
10-word Policy	Integrity & Faithful & Responsibility & Innovation & Gratitude
Quality Motto	Quality creates reputation, reputation guarantees quality; continuous innovation, ongoing improvement, and customer satisfaction.
Philosophy	Striving for the material and spiritual well-being of all partners, to achieve the company's sustainable management.
Sense of Worth	Become the world's leading smart manufacturer in communication and new energy connection
Mission	To provide precision manufacturing and solutions for global data communications, new energy connection and IoT. Making connection faster and safer.
Values	Customers first, continuous innovation, value creation, integrity and win-win.
Slogan	Firm goals, full participation, quick action.

COBTEL History of Development



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1. Research, Development, and Manufacturing of High-End Precision Molds.
2. Precision Metal Stamping Production.
3. Packaging quantities can be set automatically to customer specifications.
4. Established the Dongguan Innovation R&D Center, dedicating 5% of annual sales to R&D; awarded "National High-Tech Enterprise" status in 2016.
5. The core team possesses 35 years of specialized experience in developing and manufacturing RJ45 connectors.
6. Collaboration with multiple Fortune Global 500 companies on custom project design and manufacturing.

High-speed Insertion Machine Division



Three Major Advantages of Automatic High-Speed Machines:

1. Automated high-speed production with a capacity of up to 300 units per minute.
2. 100% automatic inspection to ensure product qualification.
3. Automatic counting and sub-packaging function to meet customer packaging requirements.

Workshop

Mold Workshop



Stamping Workshop



Injection Workshop



Assembly Workshop



Testing Equipment

CNAS Certified Laboratory



Plating Thickness
Measurement Instrument



Fluke Tester



Product Performance
Network Analyzer



Contact Resilience Test Machine



Servo Insertion and
Extraction Machine



modular plug and Socket
Insertion-Extraction Endurance Tester



Programmable Constant Temperature
and Humidity Test Chamber



Salt Spray Test Chamber



Coordinate Measuring
Machine (CMM)

Certification Certificate



UL Certificate



CE Certificate



CNAS Certificate



ISO Certificate



Trademark Registration Certificate



IATF16949 Certificate



GHMT Certificate



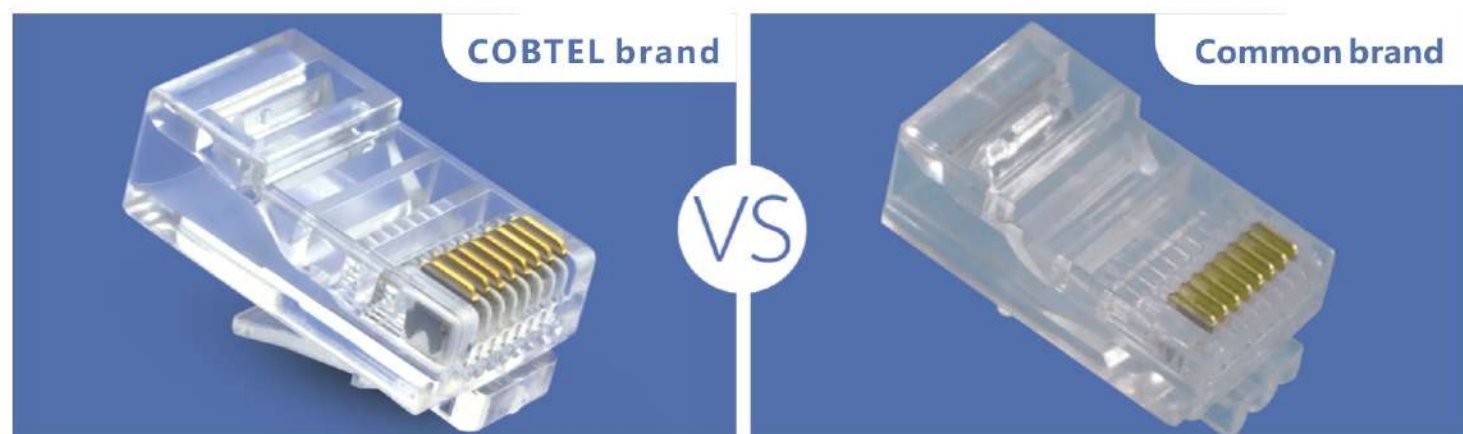
PC Material ROHS Report



Gold Plating ROHS Report

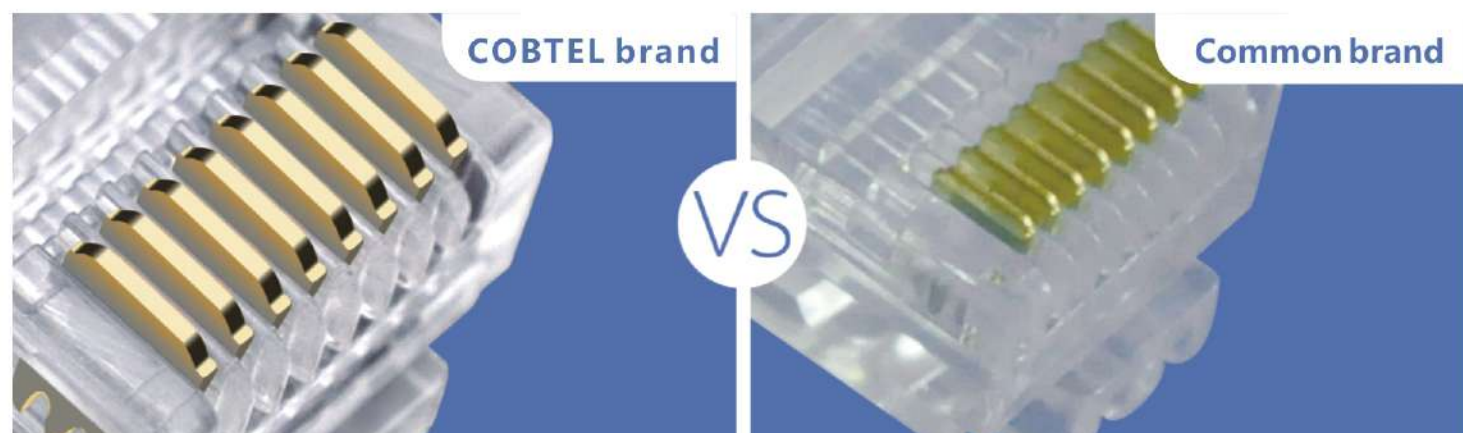
Patent Certificate





- ① Using original imported PC material from Teijin, Japan, to ensure the modular plug is transparent and flawless
- ② Professionally tested, COBTTEL modular plug achieves a transmission efficiency of up to 100%
- ③ Through imported CCD image inspection, achieving 100% QC PASS
- ④ The bending of the tabs withstands at least 15 times with a 180-degree angle

- ① Using regular plastic or recycled waste material, the surface of the finished product is not smooth and is rough.
- ② The transmission efficiency of regular modular plug is lower.
- ③ Ordinary gold-plating tabs are thinner and shorter, resulting in poor transmission performance.
- ④ Tabs break after bending 3-5 times.



- ① Gold plating with even contact area, edges free from burrs, and special polished treatment.
- ② Reduces the occurrence of gold plating oxidation.
- ③ Transmission conductivity can be increased by 3db.

Common modular plug gold plating is not smooth, the contact area is rough, transmission efficiency is poor, and oxidation is likely.



- ① Independent research and development of fully automatic high-speed embedding and testing equipment
- ② 100% QC PASS with zero defects.
- ③ Full-process quality monitoring.
- ④ Automatic counting and packaging.

- ① Easy to encounter issues like inverted chips, missing chips, inconsistent gold strip lengths.
- ② Quality is not guaranteed.

Model: 11*0003****

Product Name: Industrial 8P4C Toolless Modular Plug

Product Advantages: No hand tool is needed for termination, it can be installed by hand quickly, and it can be turned in four directions.



Model: 11*0287***

Product Name: Cat.6 Starlink modular plug

Product Advantages: Shielded with copper housing, 50U gold-plated triple-prong contacts, resistant to cold and high heat, flame-retardant design, stable signal with no dropouts, and supports 10 Gigabit transmission.



Patent No.: CN2022300792415

Model: 11*0001****

Product Name: Cat.8 tool free zinc alloy modular plug

Product Advantages: No hand tool is needed for termination, it can be installed by hand quickly, and it can be turned in four directions.



Patent No.: CN202220331792.0

Model: 10*0001****

Product Name: Cat.6A Tool-Free Unshielded modular Plug

Product Advantages: No tools required—fast and easy manual assembly. Eco-friendly PC housing and support for 10 Gigabit high-speed transmission.





Patent No.: CN2021308258718

Model: 11*0067****

Product Name: Cat.6A super pulling resistant assembly type industrial modular plug

Product Characteristics: Use foldable boot design, the modular plug is lengthened on both sides, stuck point design, the modular plug will not shake after assembly, making the cable more firm and reliable.



Model: 11*0067****

Boot Model: 32*8900**

Product Name: Industrial Threaded Screwed RJ45 modular plug

Product Characteristics: Screwed boot design, RJ45 plug lengthened on both sides, snap point design, the RJ45 modular plug will be fixed after adapting, so that the cable is more stable and reliable.



Patent No.: ZL2019212379680

Model: 11*0067****

Product Name: Short body super pulling resistant assembly type industrial modular plug

Product Characteristics: Four stuck point design on shielded shell, matches the square holes of boot, its compact and stable structure make easier cabling and installation.



Model: 11*2271****

Product name: Cat.7 Shielded Long-Body RJ45 plug

Product Characteristics: Environmentally friendly PVC material shrapnel, nickel-plated surface, anti-interference, adjustable riveting height, with 4 up and 4 down wire arrangement, with the three-pronged gold pins for more stable transmission.



Patent No.: ZL2019204135519

Model: 11*0971****

Product Name: Cat.8 super pulling resistant assembly type industrial modular plug

Product Characteristics: Use two stuck point design, modular plug and boot are assembly tightly, the overall structure is very firm and stable; applicable cable OD 7.0~9.0mm, inner wire OD 1.1~1.5mm.



Model: 11*1571****

Boot Model: 32*4900**

Product Name: Cat.8 Long-Body Tensile Assembly Industrial Modular Plug

Product Characteristics: The assembly of the Modular Plug and the sheath uses double-sided four-group sticking points, tightly integrated with the boot, resulting in a very strong and stable overall structure. It can accommodate cables with an outer diameter of up to 10.8mm.



Model: 11*3751****

Product Name: Cat.6 Industrial RJ45 Connector

Product Characteristics: Two-piece industrial RJ45 connector with boot; the latch is made of environmentally friendly, flame-retardant PC material, providing bend resistance; built-in front opening; metal-shielded housing; EMI-resistant; wear-resistant; vibration-resistant; suitable for complex environments such as factories and server rooms.



Model: 11*3651****

Product name: Cat.5E Industrial RJ45 Connector

Product Characteristics: One-piece 8P4C industrial connector; the latch is made of environmentally friendly, flame-retardant PC material, providing bend resistance; metal-shielded housing; EMI-resistant; wear-resistant; vibration-resistant; core wire OD: 1.6mm; suitable for complex environments such as factories and server rooms.





Patent No.: CN201821469860X

Model: 11*1261****

Product Name: Cat.6A shielded bending latch modular plug

Product Characteristics: RJ45 plugs' latch adopts arc design, new environmentally friendly PC material with strong flexibility, durable and easy to plug in/out, nickel-plated shielded shell to prevent interference between latches during cabling projects.



Patent No.: CN201821469860X

Model: 10*2051****

Product Name: Cat.6 unshielded bending latch modular plug

Product Characteristics: Arced design for plug latch to prevent interference between latch during cabling projects.



Patent No.: CN2019204132455

Model: 10*2251****

Product Name: Cat.6 UTP pass through RJ45 plug single-line

Product Characteristics: Pass through design for the plug, making the wires insert to the housing easier, and improve the performance of patch cord.



Patent No.: CN2019204132296

Model: 10*2151****

Product Name: Cat.6 UTP pass through modular plug two-lines

Product Characteristics: Pass through design for the plug, making the wires insert to the housing easier, and improve the performance of patch cord.



Patent No.: CN201821469860X

Model: 10*2061****

Product Name: Cat.6A unshielded bending latch modular plug

Product Characteristics: Arced design for plug latch to prevent interference between latch during cabling projects.



Patent No.: CN2019204132455

Model: 10*6888****

Product Name: Cat.5E unshielded easy-connect modular plug

Product Characteristics: Pass through design for the plug, making the wires insert to the housing easier, and improve the performance of patch cord.



Patent No.: ZL2018202433576

Model: 10*2067****

Product Name: Lock type security connector
Product Characteristics: It's used for network cabling in public places, using the key function, to prevent randomly inserting and pulling the plug which will cause network interruption.



Patent No.: ZL2017206339899

Model: 10*2067****

Product Name: Lock type security connector
Product Characteristics: Lock bar design, to implement lock and unlock function of modular plug, and maintain stable data transmission.





Patent No.: CN2013200375982

Model: 10*0490****

Product Name: Cat.6 unshielded short body plug single-line

Product Characteristics:

1. Adopt raw materials and special process production, robust shrapnet is more durable.
2. Common robust shrapnet can only about 15 times bending, this model can be continuously bent nearly 2000 times with longer life.



Patent No.: CN2012203128713

Model: 10*0467****

Product Name: Cat.6 unshielded plug double-line

Product Characteristics:

1. The unique inner plug design is easy to insert the core wire, performance will be improved at least 1db.
2. It has seven kinds of OD from 0.65mm to 1.1mm for Cat.5E Cat.6 Cat.6A jacket cables.



Patent No.: CN2021202508343

Model: 33*2200**

Product Name: Anti-lost RJ45 protective cover for plug

Product Characteristics: The design of the dust cover is extended, and it is sleeved on the wire, for both dustproof and anti-loss.

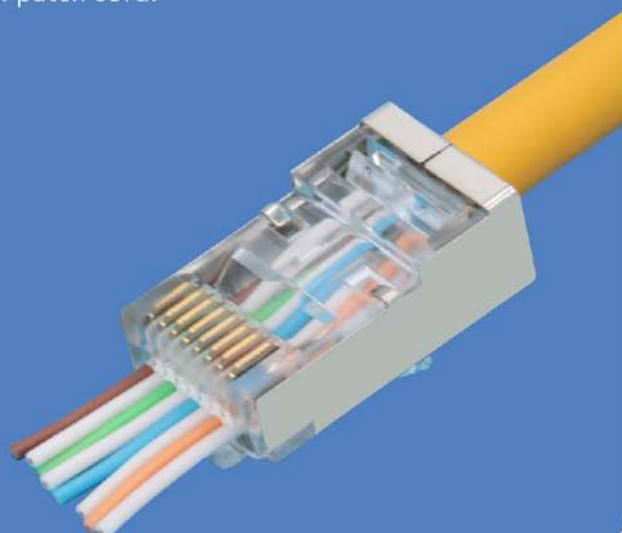


Patent No.: CN2019204132455

Model: 11*1751****

Product Name: Cat.6 FTP pass through RJ45 plug

Product Characteristics: Pass through design for the plug, making the wires insert to the housing easier, and improve the performance of patch cord.



Patent No.: CN2020302529904

Model: 5010**

Product Name: RJ45 pass through crimper tool

Product Characteristics: The crimping height can be adjusted, the wires cutting and pin crimping can be completed at one time.



Patent No.: CN2021305524220

Model: 32*7800**

Product name: DIY RJ45 strain relief boot

Product Characteristics: PVC materials and applicable for 5.5~7.0mm jacket cable. It can be DIY cut according to the actual size of the wire.





Patent No.: CN2016201361389

Model: 11*0071****

Product Characteristics:

- 1.FTP Cat.7 patented modular plug.
- 2.Inner wire OD max. $\varnothing 1.45\text{mm}$.
- 3.Tail clamp design at the end to fix max 9.0mm cable.
- 4.New 3 prongs contacts for both solid and stranded wire.
- 5.Applicable for conductors of 22AWG~26AWG cable.

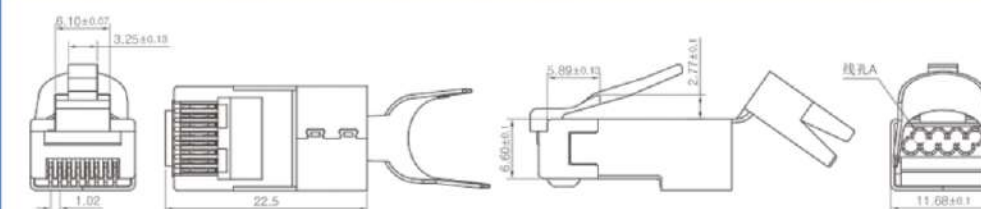


Patent No.: CN201821469927X

Model: 5010**

Product Name: RJ45 Cat.7 plug crimper tool

Product Characteristics: Fix tail clamp and cable quickly and connectivity at one time, and the assembly efficiency is improved greatly.



FTP Cat.7 4 Up 4 Down Two-Piece with Nickel-Plated Copper Shell and Tail Clip ($\varnothing 1.45\text{mm}$) + PVC boot

How to assemble:



1.Insert boot into cable



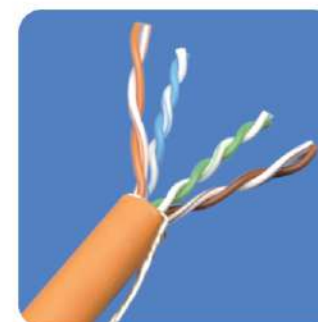
2.Strip cable jacket 20mm do not damage the braid



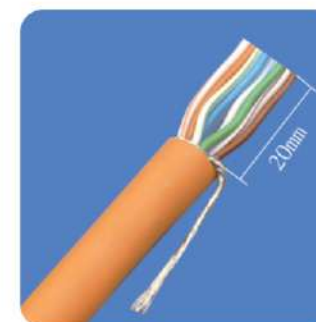
3.Twist braid into strip



4.Remove foil paper



5.Separate 4 pairs, cut the cross frame



6.Arrange wires according to wire map



7.Input wires into load bar, cut the extra wires to flat.



8.Put load bar to the end of plug.



9.Put plug into crimping tool and press



10.Put the tail part into crimping tool and press



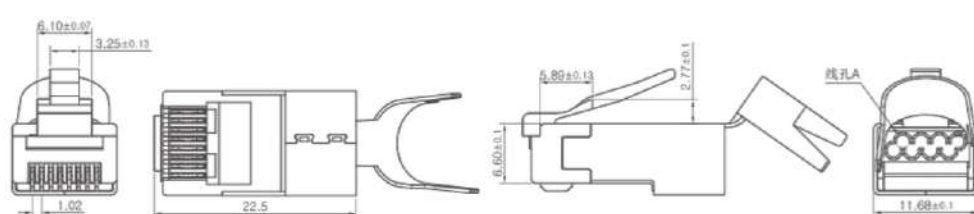
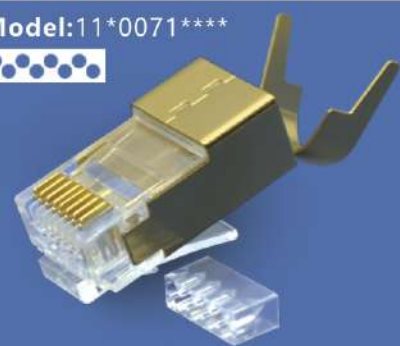
11.After crimping



12.Push the boot upward to connect with the plug

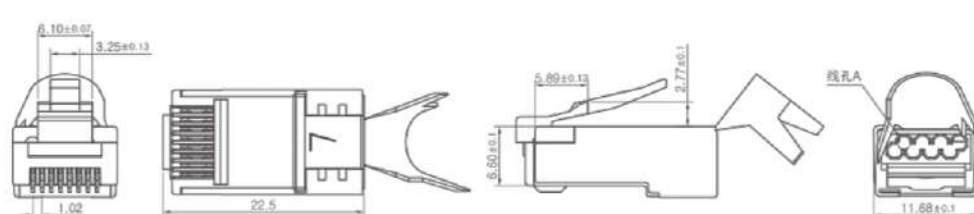
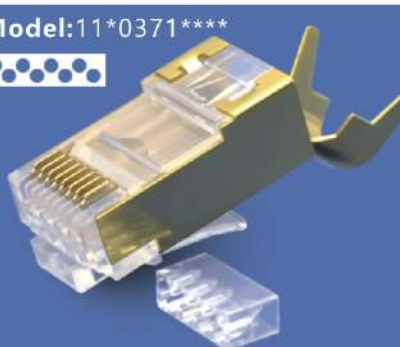
Industrial Cat.7 Modular Plug

Model:11*0071****



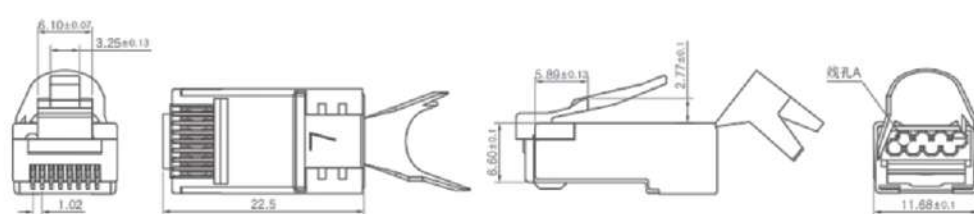
FTP Cat.7 4 Up 4 Down Two-Piece with Gold-Plated Copper Shell and Tail Clip (Ø1.45mm)

Model:11*0371****



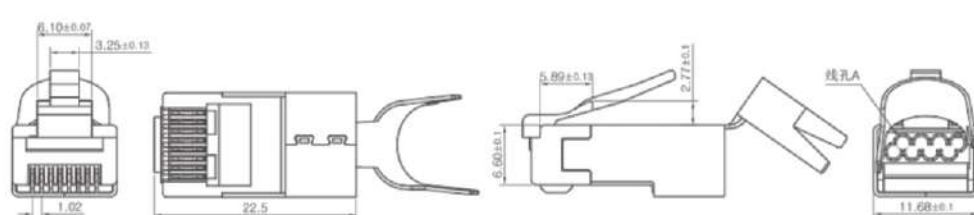
FTP Cat.7 4 Up 4 Down Two-Piece with Gold-Plated Copper Shell and Tail Clip (Ø1.45mm)

Model:11*0371****



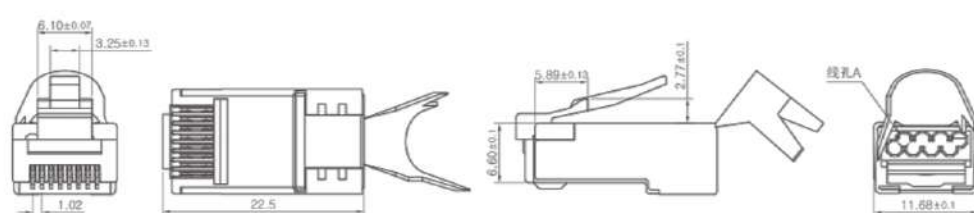
FTP Cat.7 4 Up 4 Down Two-Piece with Nickel-Plated Copper Shell and Tail Clip (Ø1.45mm)

Model:11*0371****



FTP Cat.7 4 Up 4 Down Two-Piece with Nickel-Plated Copper Shell and Tail Clip (Ø1.45mm)

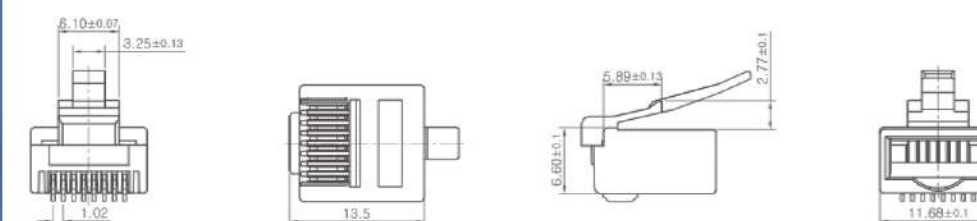
Model:11*0371****



FTP Cat.7 4 Up 4 Down Two-Piece with Nickel-Plated Copper Shell and Tail Clip (Ø1.45mm)

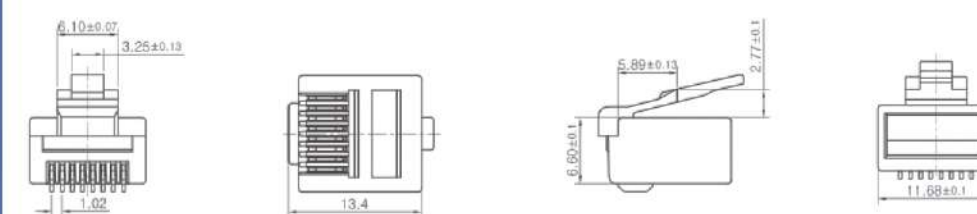
UTP Cat.6 Plug

Model:10*0490****



UTP Cat.6 single-liner short-body Two-piece strong bending endurance (Ø0.6mm Ø0.5mm)

Model:10*0790****



UTP Cat.6 single-liner short-body Two-piece (Ø0.6mm Ø0.5mm Ø0.35mm)

Flat Ethernet Cable RJ45 Plug Wiring Method:



1.Strip cable jacket 10mm do not damage the wire.



2.Arrange the wires and put into the inner insert.



3.Click the insert and cut extra wires.



4.Put the wires into the end of plug.



5.Check the wires' position.



6.Insert the cable to crimping tool.



7.Press the tool firmly.



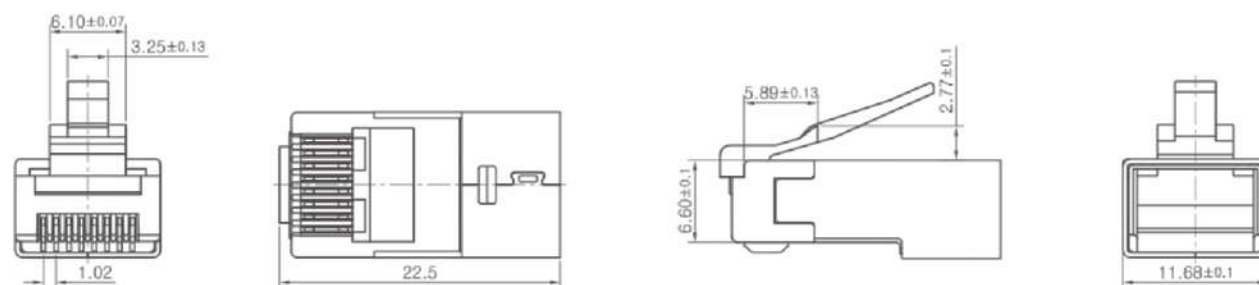
8.Finished product.

FTP Cat.6A Modular Plug

Model:11*0267****



FTP Cat.6A 6p2down four-piece nickel-plated copper shield



Wiring Method:



1.Strip the insulation outer sheath of the RJ45 plug, about 20mm



2.Twist the braided ground wire into a strip and remove the aluminum foil layer.



3.Insert the RJ45 plug into the fixed wire card slot.



4.Thread the core wires into the core plug; (White/Orange / Orange /White Green/ Blue /White Blue / Green /White Brown /Brown)



5.Trim the front end of the core wires flush with the core plug and cover with the upper cover of the fixed wire card slot.



6.Insert the core wires into the RJ45 plug, making sure they reach the top of the plug.



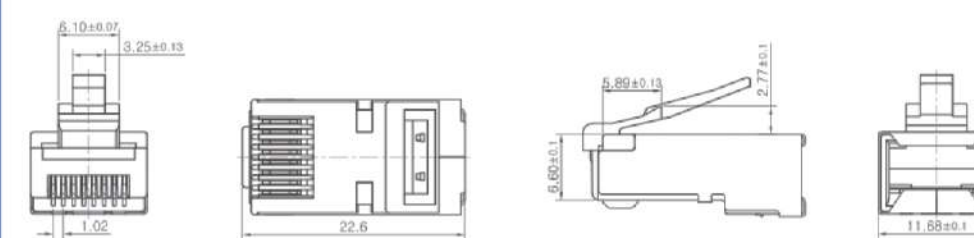
7.Place the RJ45 plug into a hand tool crimping die for compression.



8.Completion of RJ45 plug assembly.

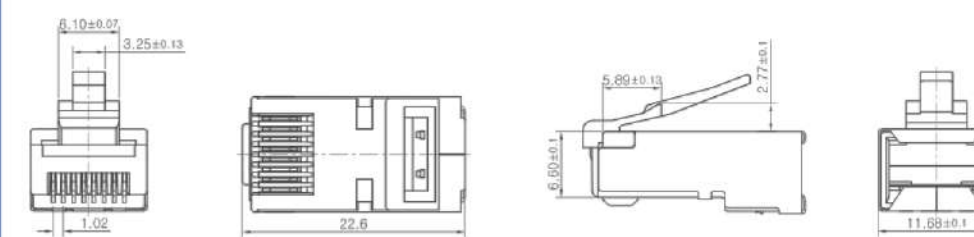
FTP Cat.6A Modular Plug

Model:11*1268****



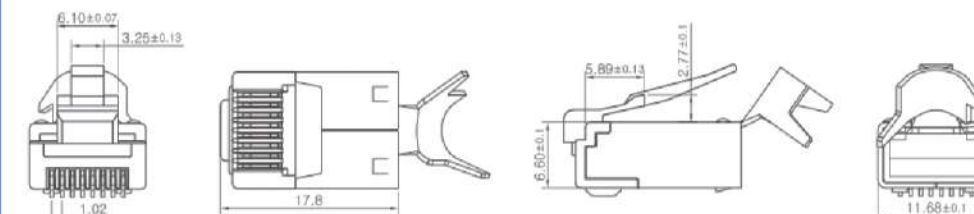
FTP Cat.6A 4up4down Three-piece Nickel-plated Copper Shell (Ø1.1mm Ø1.0mm)

Model:11*0368****



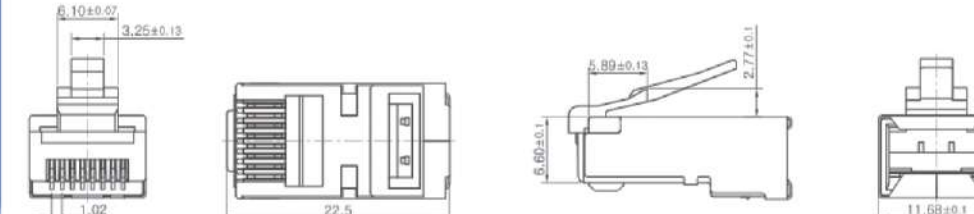
FTP Cat.6A 4up4down Three-piece Gold-plated Copper Shell (Ø1.1mm Ø1.0mm)

Model:11*0068****



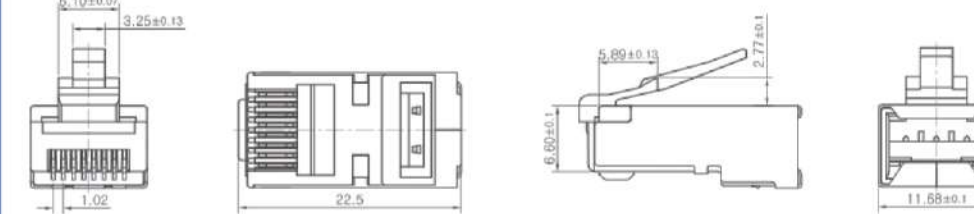
FTP Cat.6A 4up4down Three-piece Nickel-plated Copper Shell with Tail Clip (Ø1.1mm Ø1.0mm)

Model:11*0167****

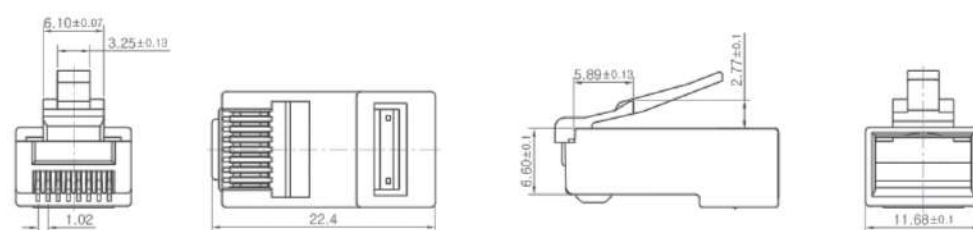


FTP Cat.6A 6up2down Three-piece Nickel-plated Copper Shell (Ø1.1mm Ø1.0mm)

Model:11*0167****



FTP Cat.6A 6up2down Nickel-plated Copper Shell (Ø1.1mm Ø1.06mm Ø0.99mm Ø0.85mm Ø0.7mm Ø0.65mm)



UTP Cat.6A 6up2down Three-Piece (Ø1.0mm Ø1.0mm) + PC Transparent boot

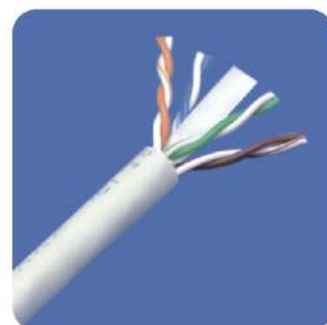
Wiring Method:



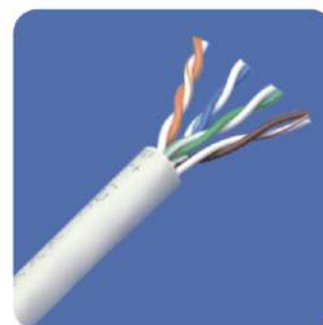
1.Thread the boot into the network cable.



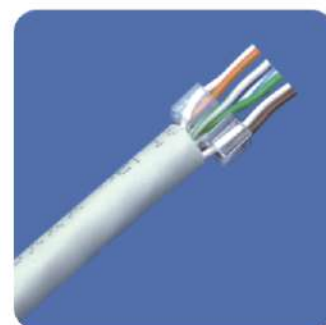
2.Strip the insulation outer sheath of the network cable, about 20mm.



3.Separate the 4 pairs of core wires.



4.Trim the cross skeleton in the middle of the core wires.



5.Thread the core wires into the splitter.


6.Thread the core wires into the core plug:
(White Orange/Orange/White Green/Blue/White Blue/
Green/White Brown/Brown)

7.Trim the front end of the core wires
flush with the core plug.

8.Insert the core wires into the RJ45
plug.

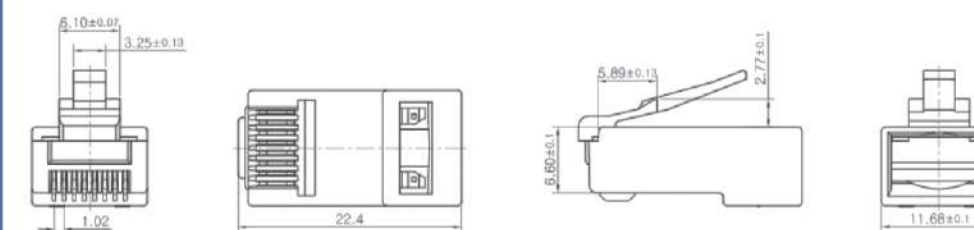
9.Check if the core wires are inserted
to the top of the RJ45 plug.

10.Push the boot upwards to join
with the RJ45 plug.

11.Place the RJ45 plug into a hand
tool crimping die for
compression.

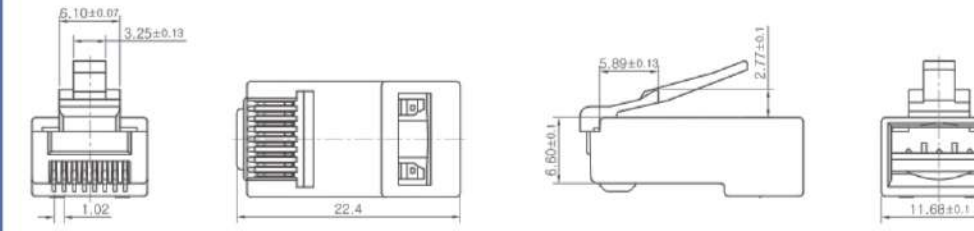
12.Completion of RJ45 plug
assembly.

Model:10*0068***



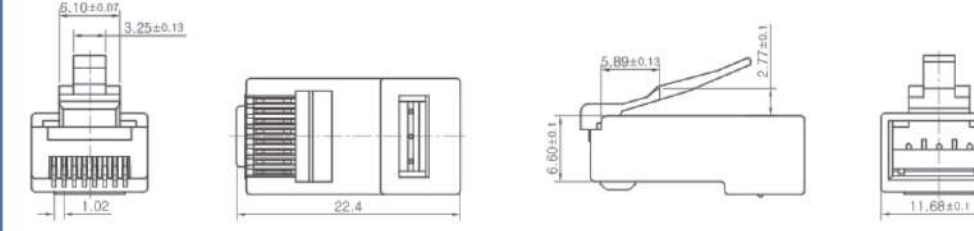
UTP Cat.6A 4up4down Three-Piece (Ø1.1mm Ø1.0mm)

Model:10*0067***



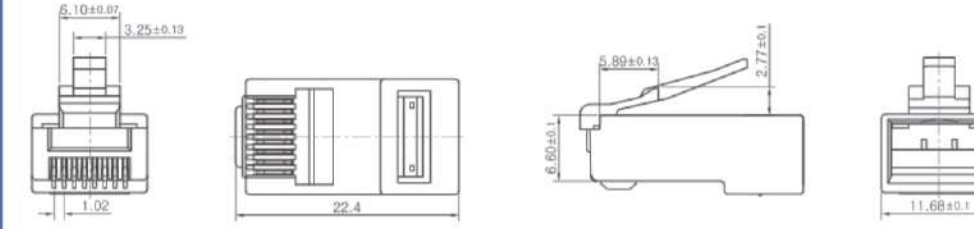
UTP Cat.6A 6up2down Three-Piece (Ø1.1mm Ø1.0mm)

Model:10*0467***



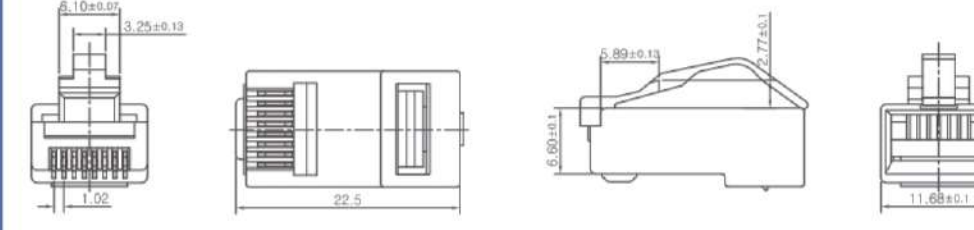
UTP Cat.6A 6up2down Three-Piece (Ø1.1mm Ø1.06mm Ø0.99mm Ø0.85mm Ø0.7mm Ø0.65mm)

Model:10*0567***



UTP Cat.6A 6up2down Three-Piece (Ø1.1mm Ø1.0mm)

Model:10*1168***

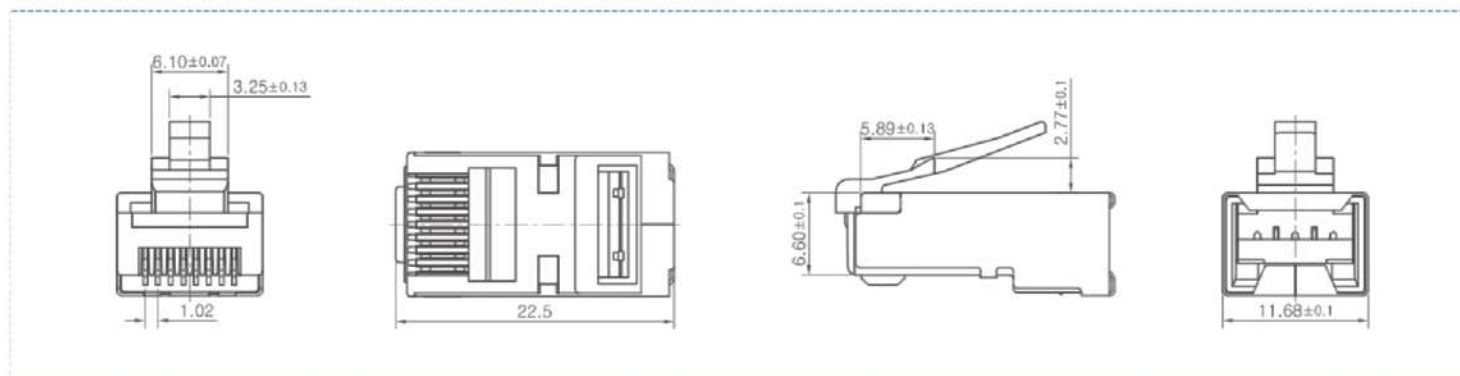


UTP Cat.6A 6up2down Three-Piece (Ø1.1mm Ø1.0mm) Curved clip

FTP Cat.6 Modular Plug



FTP Cat.6 6up2down Two-Piece (Nickel-Plated Copper Shell)



Wiring Method:



1.Thread the boot into the network cable.



2.Strip the insulation outer sheath of the network cable, about 15mm.



3.Twist the braided ground wire into a strip and remove the aluminum foil layer.



4.Thread the core wires into the core plug.
(White Orange/Orange/White Green/Blue/White Blue/Green/White Brown/Brown)



5.Insert the core wires into the RJ45 plug, ensuring they reach the top of the plug.



6.Push the boot upwards to join with the RJ45 plug.



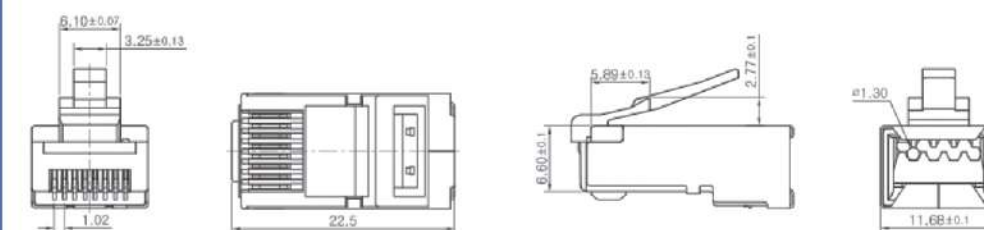
7.Place the RJ45 plug into a hand tool crimping die for compression.



8.Completion of RJ45 plug assembly.

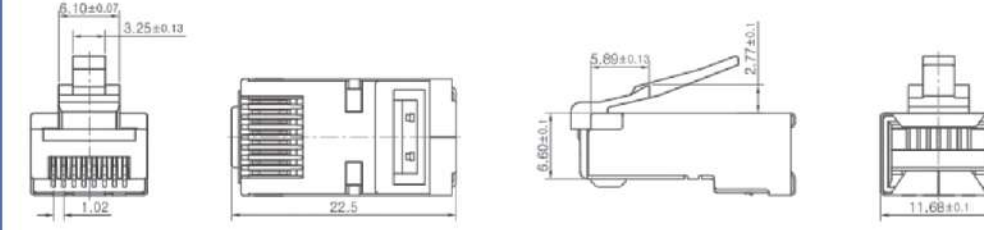
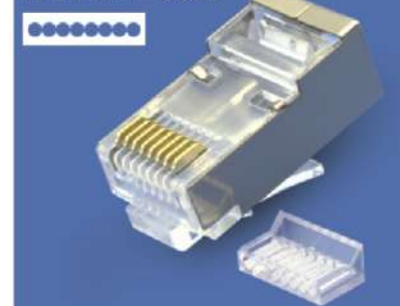
FTP Cat.6 Modular Plug

Model:11*0251****



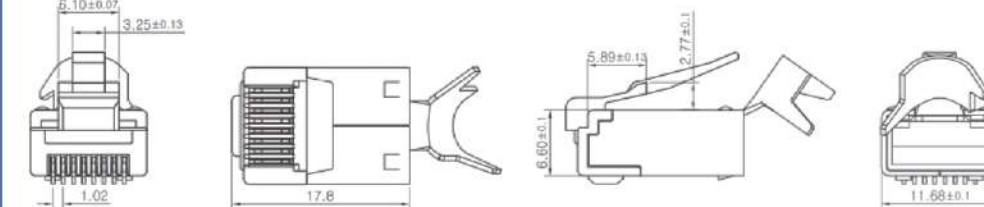
FTP Cat.6 4up4down Single-Piece Nickel-Plated Copper Shell (Ø1.3mm Ø1.1mm)

Model:11*0561****



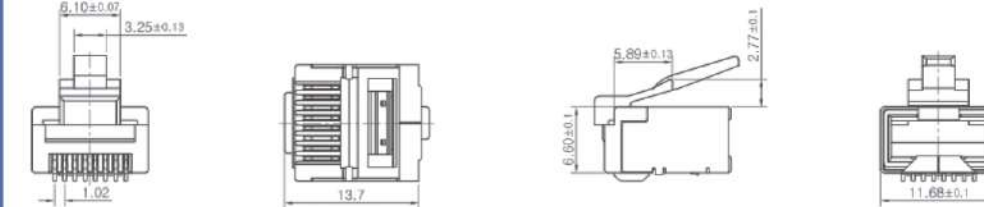
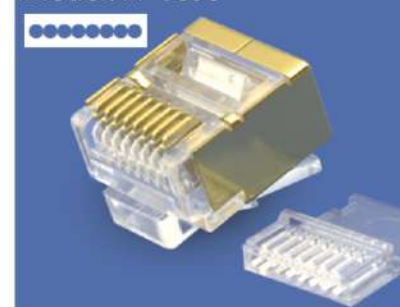
FTP Cat.6 Single-Row Two-Piece Nickel-Plated Copper Shell (Ø1.0mm Ø0.9mm Ø0.8mm Ø0.7mm)

Model:11*0261****



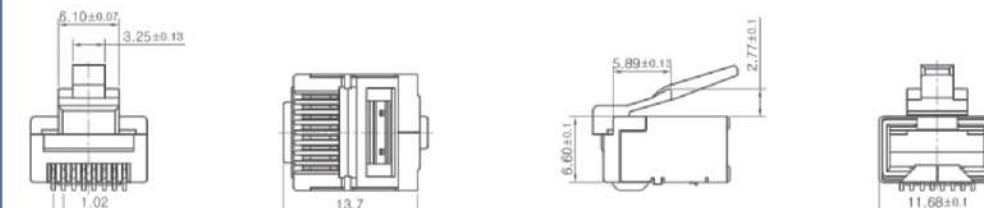
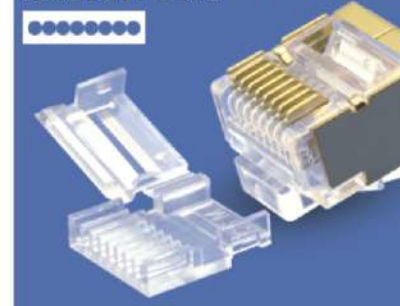
FTP Cat.6 Single-Row Short Body Two-Piece Nickel-Plated Copper Shell with Tail Clip (Ø1.0mm Ø0.9mm Ø0.8mm Ø0.7mm)

Model:11*0890****



FTP Cat.6 Short Body Single-Row Two-Piece Gold-Plated Copper Shell (Ø1.0mm Ø0.9mm Ø0.8mm Ø0.7mm Ø0.65mm)

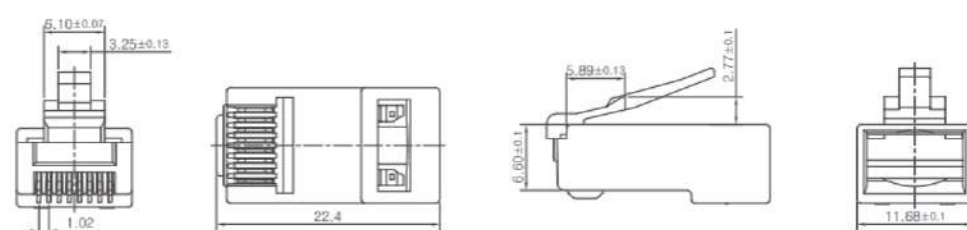
Model:11*0990****



FTP Cat.6 Short Body Single-Row Two-Piece Bright Gold-Plated Copper Shell (Ø0.6mm Ø0.5mm)

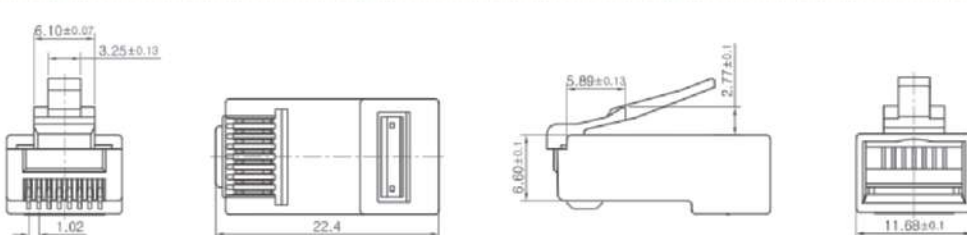
UTP Cat.6 Modular Plug

Model:10*0061****



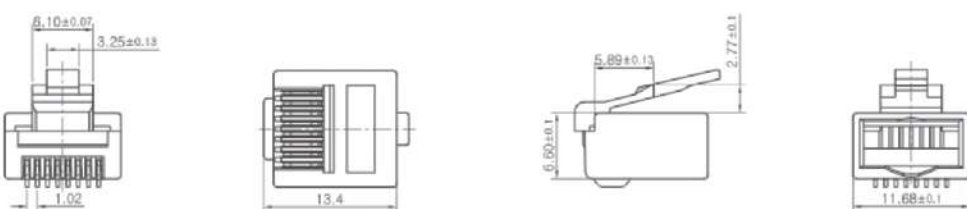
UTP Cat.6 Single-row Two-piece Moon Arc Large Line Block (Ø1.0mm Ø0.9mm Ø0.8mm Ø0.7mm)

Model:10*0561****



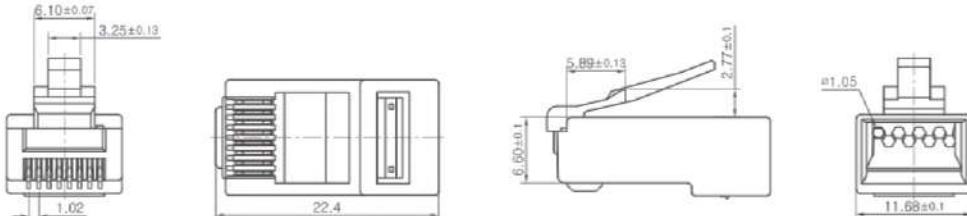
UTP Cat.6 Single-Row Two-Piece Regular Large-Line (Ø1.0mm Ø0.9mm Ø0.8mm Ø0.7mm)

Model:10*0390****



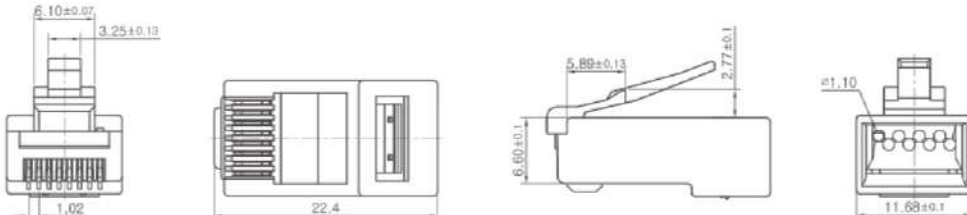
UTP Cat.6 Single-Row Short Body Two-Piece (Ø1.0mm Ø0.9mm Ø0.8mm Ø0.7mm)

Model:10*0551****



UTP Cat.6 on top 4 below One-Piece (Ø1.05mm)

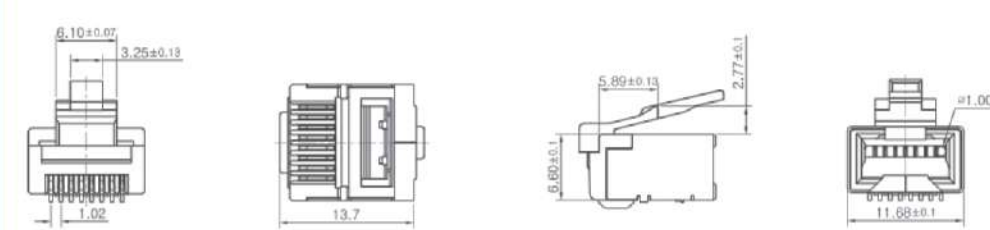
Model:10*0351****



UTP Cat.6 4up4down One-Piece Bend Resistant 2000 times (Ø1.1mm)

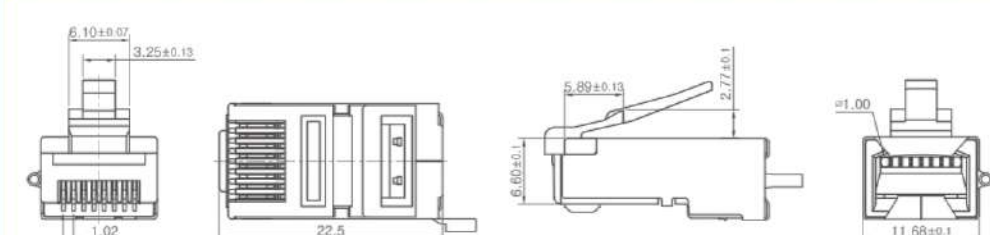
FTP Cat.5E Modular Plug

Model:11*0080****



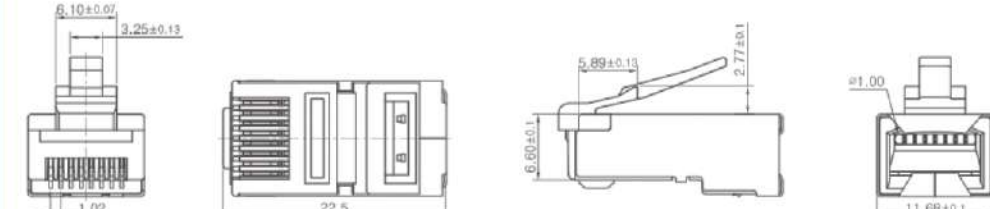
FTP Cat.5E Single-Row One-Piece Short Body Nickel-Plated Copper Shell (Ø1.0mm)

Model:11*1988****



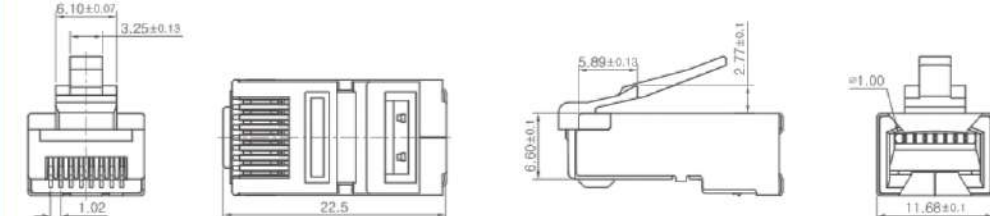
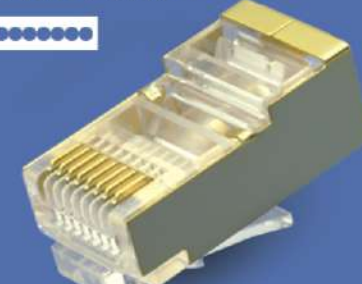
FTP Cat.5E Single-Row One-Piece Nickel-Plated Copper Shell with Ground Wire Clip (Ø1.0mm Ø0.8mm)

Model:11*0988****



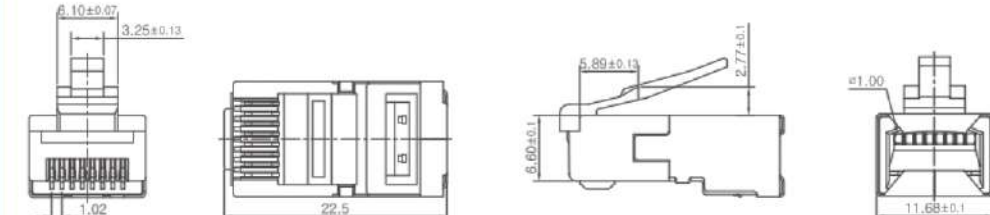
FTP Cat.5E Single-Row One-Piece Nickel-Plated Copper Shell (Ø1.0mm Ø0.8mm)

Model:11*0988****



FTP Cat.5E Single-Row One-Piece Gold-Plated Copper Shell (Ø1.0mm Ø0.8mm)

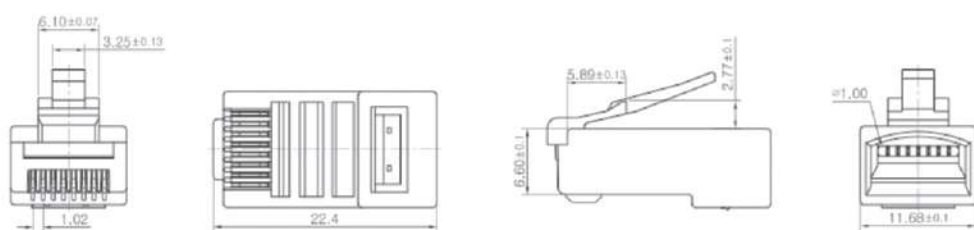
Model:11*1488****



FTP Cat.5E Single-Row One-Piece Nickel-Plated Copper Shell (Ø1.0mm)

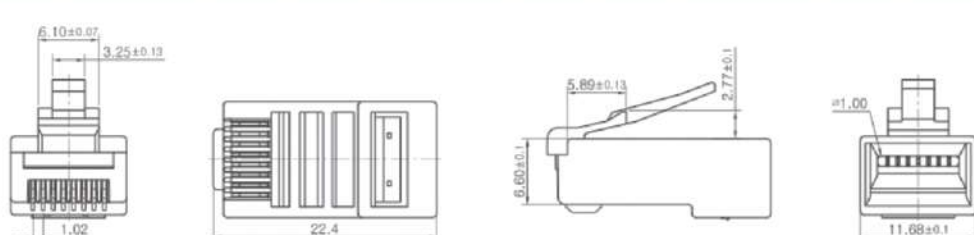
UTP Cat.5E Modular Plug

Model:10*3188****



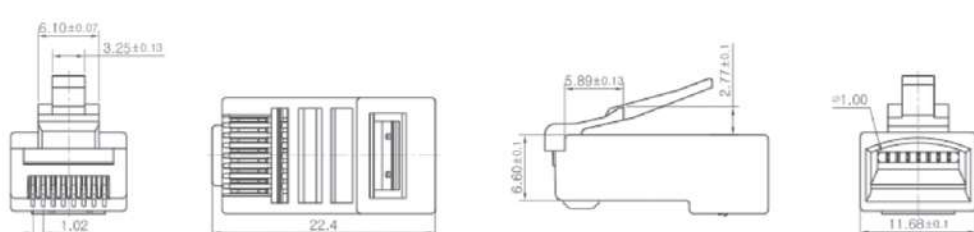
UTP Cat.5E Single-row One-piece Round Hole (Ø1.0mm)

Model: 10*0588****



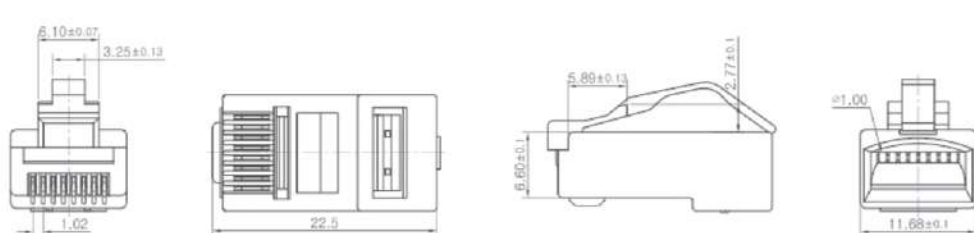
UTP Cat.5E Single-row One-piece Square Hole (Ø1.0mm)

Model:10*3788****



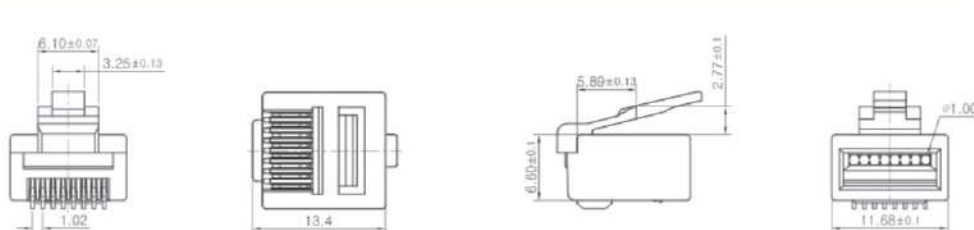
UTP Cat.5E Single-row One-piece Bending Resistant 2000 Times (Ø1.0mm)

Model:10*5388****



UTP Cat.5E Single-row One-piece Bent Clip (Ø1.0mm)

Model:10*0080****



UTP Cat.5E Single-row One-piece Short Body (Ø1.0mm)

Special Modular Plug

Model:10*0062****
6P2C



Model:10*0064****
6P4C



Model:10*0066****
6P6C



Model:10*0864****
6P Thin Flat Telephone
Line Specialized



Model:10*0044****
4P4C



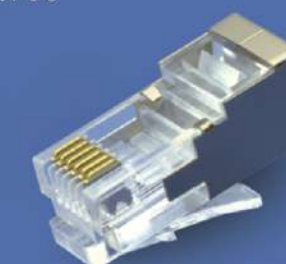
Model:10*0065****
British-style modular plug



Model:10*0063****
6P6C Length: 22.5mm



Model:10*0066****
FTP 6P6C



Model:11*0066****
FTP 6P6C



Model:11*0000****
FTP 10P10C



Model:11*0000****
UTP 10P10C



Model:11*2851****
8P8C Industrial RJ45 Plug



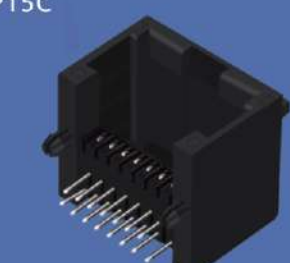
4P4C Dual Prong



Model: P15
15P15C



Model: P15 JACK
15P15C



Modular Plug Insert

Model:31*0000**



Model:31*0100**



Model:31*0200**



Model:30*0401**



Model:30*1301**



Front-end closure

Model:30*0144**



Model:30*0162**



Model:30*0462**



Model:30*0035**



Model:30*1701**



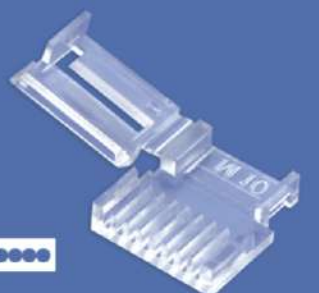
Model:30*2401**



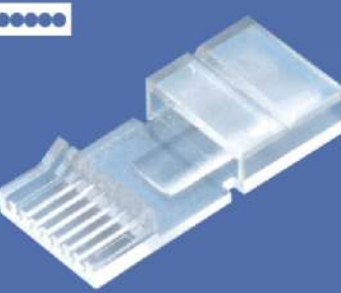
Model:30*2201**



Model:30*0502**



Model:30*1801**



Model:33*0000**

Smart accessory bracket



Modular Plug Jacket

Model:32*1000**

Wire hole: 9.0mm 8.5mm 8.0mm 7.5mm 7.0mm



Model:32*7700**

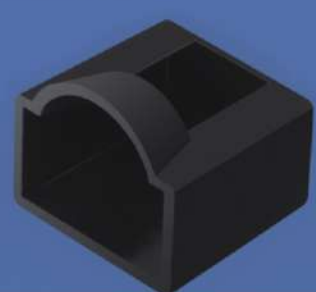


Model:32*1500**

Wire hole: 6.7mm 6.5mm 5.8mm 4.5mm 4.0mm



Model:32*0500**



Model:32*0503**

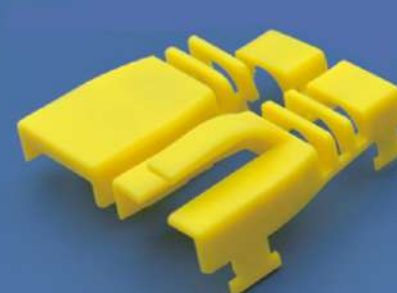
Wire hole: 5.0mm



Model:32*2500**



Model:32*8800**



1. Environmental Testing:

Complies with inspection standards for the safe use of environmentally friendly substances such as ROHS and REACH.

2. Operating Temperature Range: -40°C to +85°C.

3. Electrical Characteristics:

3.1 Voltage, Current Specification: 125V AC 1.5A @ 25°C.

3.2 Contact Resistance: Maximum 20mΩ.

3.3 Insulation Resistance: At least 500MΩ with 100V DC/minute.

3.4 Withstand Voltage: 1000V AC/minute, no breakdown.

4. Mechanical Characteristics:

4.1 Insertion Force & Withdrawal Force: Maximum 20N.

4.2 Durability: At least 750 cycles.

5. Environmental Compliance:

5.1 Product complies with environmental standards such as ROHS and REACH.

6. Gold Plating Inspection:

6.1 According to MIL-G-45204C standard specification, TYPE11 (minimum 99% purity).

6.2 Grade C+ (KNOOP HARDNESS RANGE 130-250).

6.3 Grade 1 (minimum 50 micro inches thickness).

7. Material and Surface Treatment:

7.1 Raw Material: Polycarbonate, Flame Retardant Grade 94V2 & 94V0.

7.2 Gold Plating:

a. High-strength copper alloy [JIS C5191R-H(PBR-2)] standard material.

b. Plating: 100 micro inches electroless nickel plating and gold plating at contact points (BSI EN 60603-7/IEC 60603-7).

8. Reference Standards:

8.1 UL 1863 Approval Number UL-US-508595-70909102-3.

8.2 Complies with F.C.C Part 68 subpart F standards.

8.3 CSA Approval Number 80132963.

8.4 BSI EN 60603-7/IEC 60603-7.

Coding Principle

