



Hoonsun
Eighteen years for only one thing!

PROFESSIONAL MANUFACTURER OF CABLE CONNECTORS



SINCE 2006



CE



ROHS

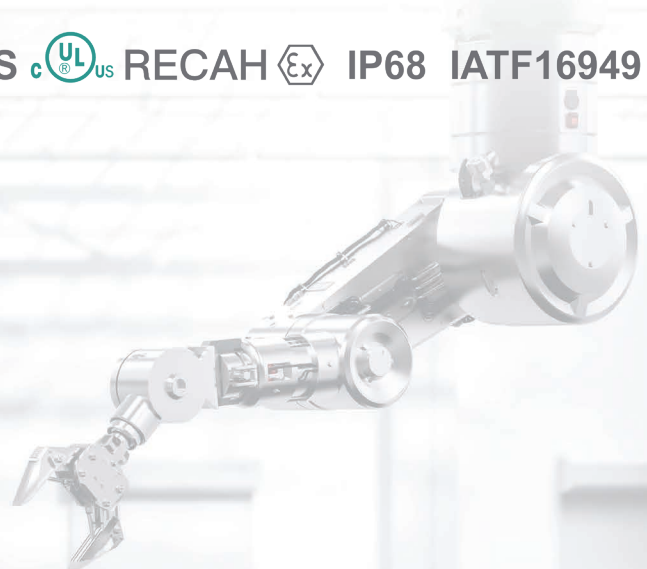
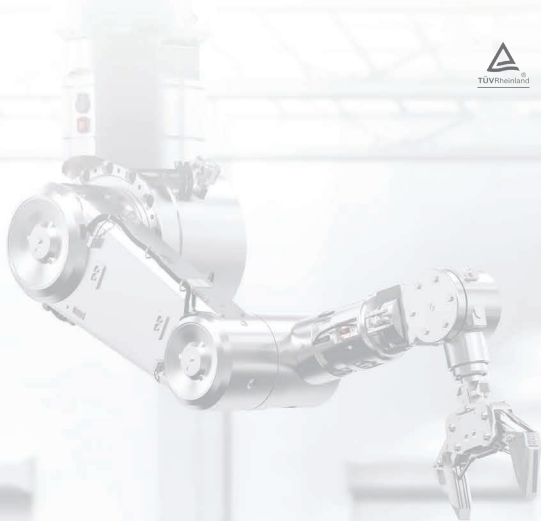


RECAH



IP68

IATF16949



Zhejiang Hongxiang Connector Co., Ltd

PROFILE OF HONGXIANG



Zhejiang Hongxiang Connector Co., Ltd. was established in 2006 with a registered capital of 52 million yuan, is a high-tech company integrating R&D, production and sales, with more than 100 employees, equipped with a professional sales team and workshop management team.

Mainly for the global market, the production and sales of various materials of cable joints and accessories equipment, after 18 years of development, Hongxiang connector has provided thousands of customers with a high-quality product experience.

The company adheres to the principle of "customer-oriented, customers are the parents of food and clothing, and solve problems for customers in a timely manner; The pursuit of quality, only imperfect products. There are no fussy customers; optimistic and positive, encountering difficulties and setbacks, not giving up, and constantly self-motivated". With the mission of "strive for excellence in the cable connector industry." It has established a good reputation in the industry and won unanimous praise from customers.

200+

PRODUCTION EQUIPMENT

A number of professional-grade imported production Processing equipment, guaranteed Production speed!

120+

PROFESSIONAL STAFF

Collaboration between employees in various departments Collaborate to ensure every step of the way All impeccable!

20+

AGENCY CERTIFICATIONS

Collaboration between employees in various departments Collaborate to ensure every step of the way All impeccable!

32+

QUALITY INSPECTION PROCESS

Every product is strictly followed A number of quality inspection tests, inspections Only after passing can you come out!

DEVELOPMENT HISTORY



2006

Yueqing Hongxiang Connector Manufacturing Co., Ltd. was established, mainly producing waterproof brass cable glands

2008-2009

The factory moved to a new plant, with a workshop area of 2,000 square meters. And the introduction of CNC equipment and automatic measuring machine, it is guiding the company to carry out the transformation of automated production technology

2010-2011

The company has developed a new design of cable envelope and applied for a patent, patent number ZL201020530888.7. And it is honored to become the supplier of special waterproof joints for Liaoning "aircraft carrier", and the high quality of the products is recognized to the world.

2013-2016

The company focuses on the production and research and development and launches a variety of new products, and is engaged in the processing and production of stainless steel, nylon, brass and other materials, diversified to solve the supply demand, the number of employees has increased to 80 people at the same time, the core of the business is also constantly going international.

2018-2021

The company relocated for the second time, upgraded its trademark, obtained various well-known certifications, and changed its name to Zhejiang Hongxiang Connector Co., Ltd., and the overall image is more distinctive and international.

2023

The company's plant has expanded by 8,000 square meters, the number of employees has increased to more than 120 people, the production equipment has increased to more than 200 units, and has vigorously expanded other industries, such as photovoltaic industry.

FIELDS OF APPLICATION



All products are suitable for a wide range of applications, and can be used in complex and harsh environments, and the quality can be trusted. Such as power and electrical, wind power, photovoltaic solar energy, rail transit, nuclear power plants, communication base stations, new energy vehicles, industrial automation, medical equipment, outdoor lighting, sensors, machinery manufacturing, offshore oil and other all-round industries!

Chemical



Charging Piles



Mechanical Automation



Photovoltaic



Shipping



Illuminating



Rail Transit



Nuclear Power Plant





In today's competitive market environment, production strength is not only the cornerstone of an enterprise, but also an inexhaustible driving force for enterprises to maintain competitive advantage and continuous innovation. As an industry leader, our company has always provided customers with high-quality products and services with excellent production strength. We have introduced the world's most advanced production equipment and automated production lines to ensure that every manufacturing link is accurate. These high-tech devices not only improve production efficiency, but also significantly reduce the product defect rate, ensuring that every product meets strict quality standards.

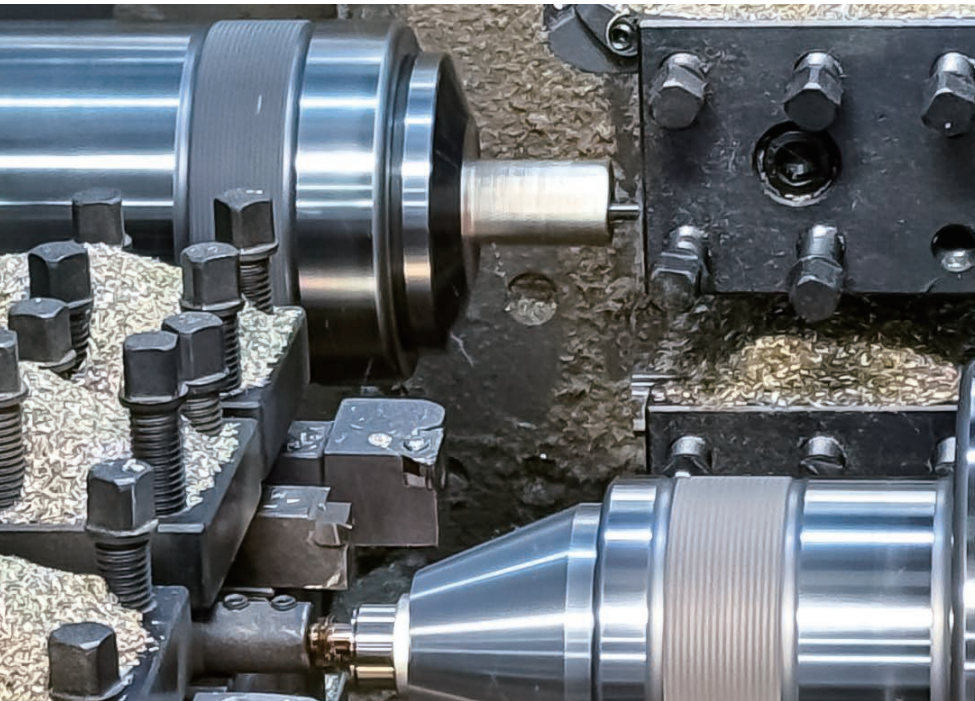


Check centre



Advanced product testing equipment is adopted, and the German DIN and VDE standards are strictly followed and the testing process of UL standards in the United States, which strictly comply with the latest EN standards in Europe and ATEX standards.

We have a highly integrated and efficient supply chain system, from the selection of raw material suppliers to logistics and distribution, every link is carefully planned and tightly controlled. A strong supply chain ensures that we can respond quickly to market demand, flexibly adjust production schedules, and ensure that products can be delivered to customers in a timely manner.



Management system

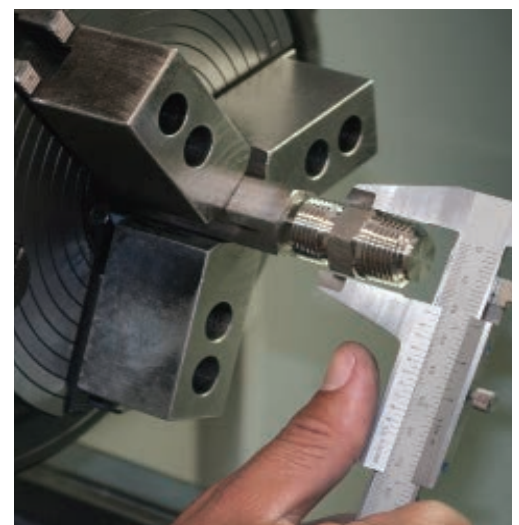


The company strictly abides by the strict quality management system at home and abroad, adheres to the principle of "customer-oriented, customers are the parents of food and clothing, and solve problems for customers in a timely manner; Pursue quality, be optimistic and positive, encounter difficulties and setbacks, do not With the mission of "strive for excellence in the cable connector industry."

Product customization



The advanced imported precision tool design and production capabilities, coupled with Hongxiang's strong product innovation and research and development capabilities, can provide customers with in-depth customization of precision metal products, and the quality is trustworthy.





01

AUTHORITATIVE CERTIFICATION

All products have passed test by domestic and foreign authoritative institutions, ISO9001 SGS CE ROHS and so on.



02

QUALITY GRADE MATERIALS

All products are made of quality grade nickel-plated-brass, 304/316L Stainless steel, PA66 nylon materials.



03

WIDE SCOPE OF COOPERATION

After years of unremitting efforts by Hongxiang, all products have established multiple partnerships in many countries and regions around the world.



PRODUCT OVERVIEW

The waterproof cable gland is a kind of connection device installed at the connection of the cable and the equipment, which plays the role of fixing, sealing, waterproof, dustproof and shockproof of the cable, which can protect the internal electrical aging and short circuit of the equipment, and the main materials are metal and nylon.

Application field: security equipment, power and electrical, wind power generation, photovoltaic solar energy, rail transit, nuclear power plants, communication base stations, new energy vehicles, industrial automation, medical equipment, outdoor lighting, sensors, machinery manufacturing.



Metal Cable Gland



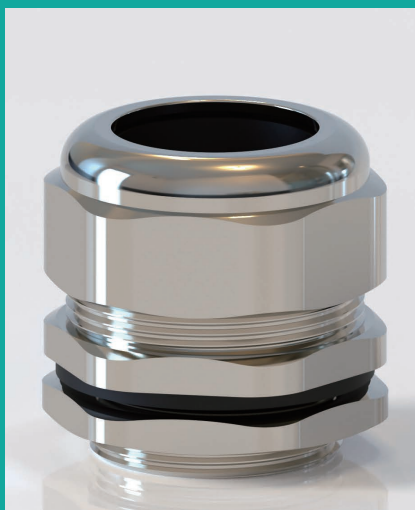
Metal Cable Gland–Direct Type



Metal Shielded Cable Gland – EMC



Metal Perforated Cable Gland



Metal Cable Gland–Strengthened



Metal Cable Gland–High Temperature Testance



Metal Tubular Cable Gland



Stainless Steel Cable Gland



Metal Oversized Cable Gland



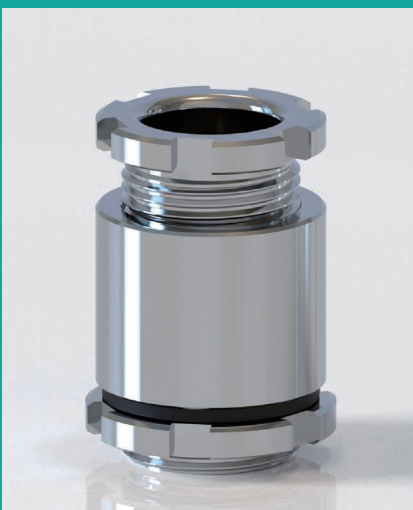
90° Flexible Pipe Fitting



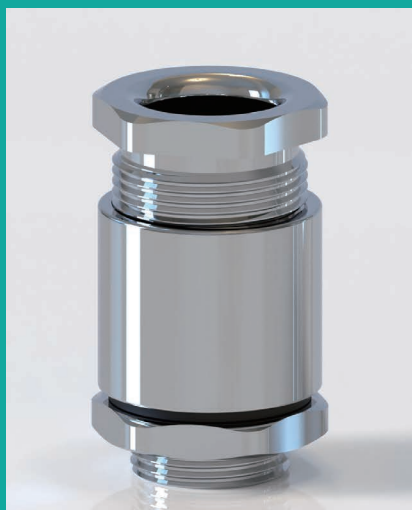
Metal Bend-Resistant
Cable Gland



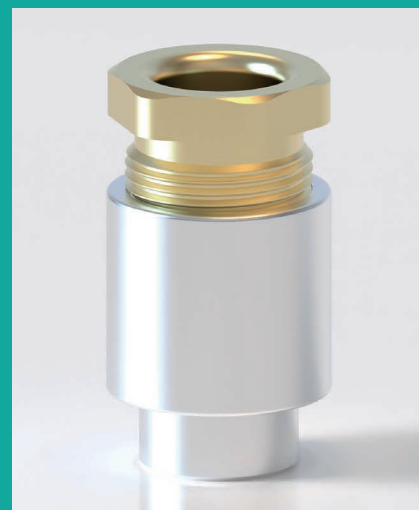
Cable Gland-Air Permeable
Type



Marine Cable Gland-JIS
Standard Type



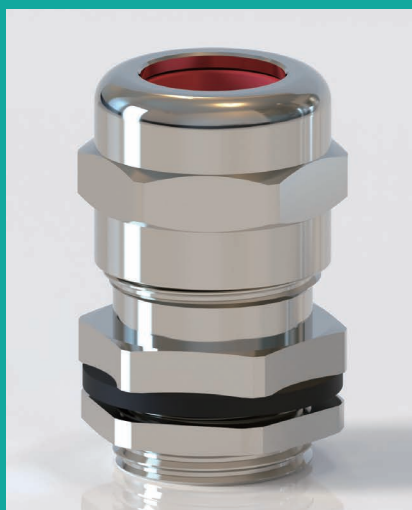
Marine Stuffing Box-TJ
Series



Marine Cable Gland-TH
Welded Type



Single Compression Type
Cable Gland



Simple Armored Cable Gland



Double-Sealed Armored
Explosion-proof Cable Gland



Explosion-Proof Cable
Clamp Sealing Joint-CW



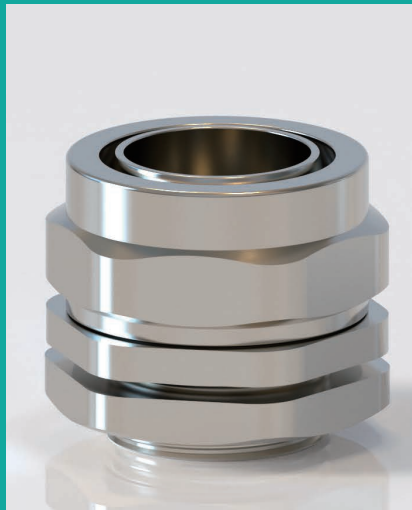
HK Explosion-proof Cable Clamp
Tightly Sealed Joints



Explosion-proof
non-armoured Cable Gland



Locking Metal Hose Joint



BW Cable Gland



Ended Hose Fittings



Zinc Alloy Hose Joint



Flange Clamp-on Seal
Joints



Metal Cable Gland-Double
Lock Type



Nylon Reinforced Cable Gland



Nylon Breathable Cable Gland



Nylon Anti-Bending Cable Gland



Powerful Watertight Corrugated Tubing Fitting



Nylon Union for Flexible Pipe



Right Angle Union For Flexible Pipe



Push-in Connector -KC



T-type Push-in Connector



Mini Waterproof Case



Plug Cap – SC



Reducer Ring–RE



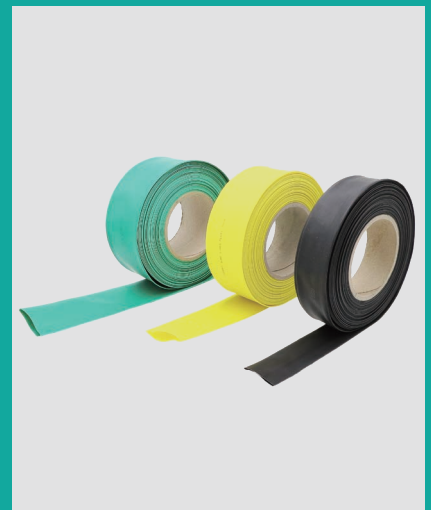
Breathable Valve – BF/PF



Locknut—LM



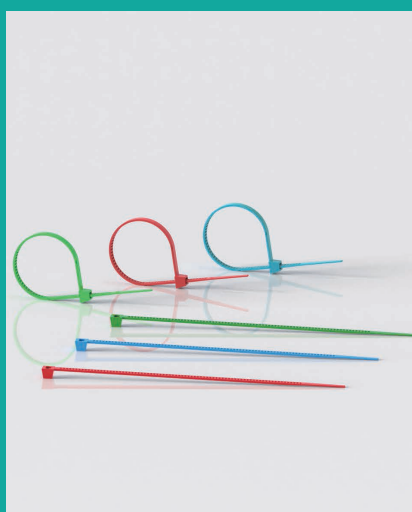
Grounding Lug–JDP



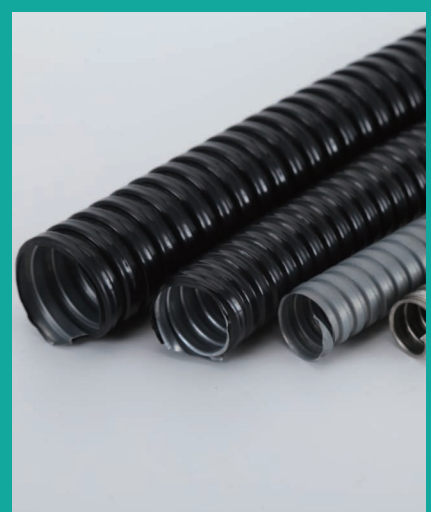
Heat Shrink Tubing–RS



Junction Box–HXB



Cable Ties–ZD



Metal Hose–PM



Photovoltaic connector, which is a key component in the interconnection between components, combiner boxes, controllers, inverters and other components in the photovoltaic power generation system. There are usually 600–1000 such connectors in a 100kw photovoltaic.

Good electrical conductivity, contact resistance not greater than 0.35 milliohms. Safe enough, waterproof, high temperature resistant, anti-corrosion, high insulation and other properties, the protection level reaches IP68. The structure is solid and reliable. The connection force of correctly inserted male and female connectors is not less than 80N. For MC4 connectors connected to 4mm square cables, when carrying 39A current, the temperature does not exceed the upper line temperature of 105 degrees.

Photovoltaic connectors are mainly suitable for solar modules, inverters, junction boxes and other fields, and mainly serve solar photovoltaic power generation, LED-lighting, industrial automation, power electrical, power electronics and other industries.



PV-BM01



PV-BM04



PV-BM05



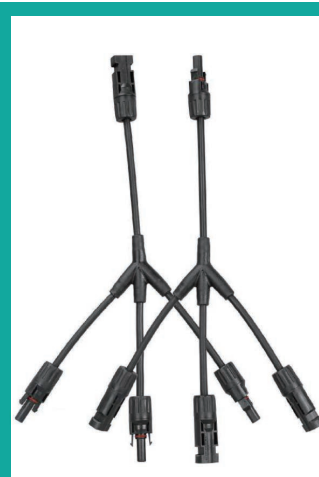
PV-BM01



PV-BME01



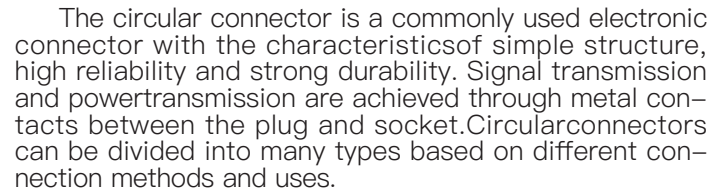
PV-BY2



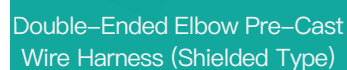
PV-LTY3

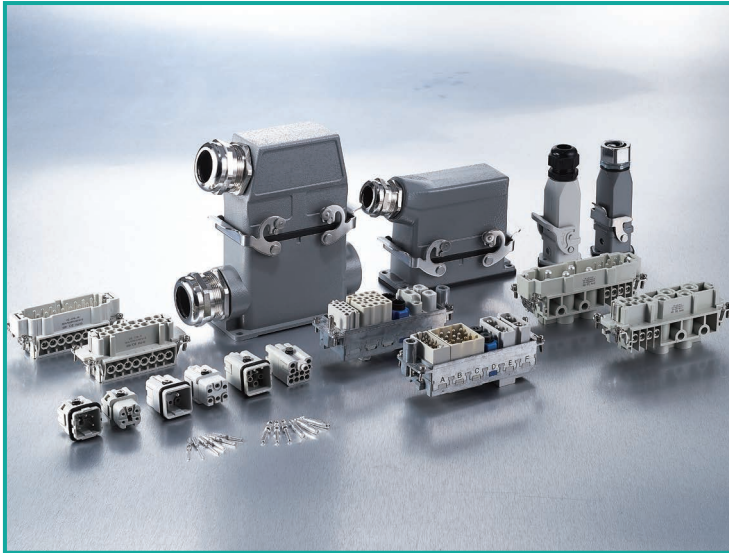


PV-LTY4



It is widely used in many fields such as sensors, actuators, industrial input and output ports, industrial batteries and semiconductors, and medical equipment.





It can provide highly integrated connections, realize the pre-installation of a large number of complex circuits, and maximize the effective utilization of equipment space and reduce the wiring error rate.

It can easily and efficiently realize the modular structure of each functional template block of the equipment, so that the equipment can be easily and safely transported, installed, maintained and repaired.

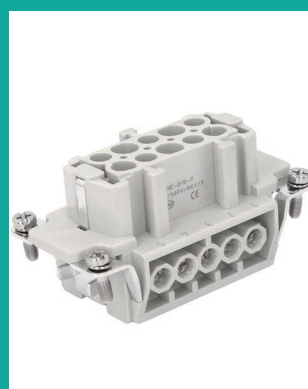
Provides a high degree of protection (IP65, IP68) The advantages of the system are unmatched for connecting devices in harsh environments, ensuring stable operation even under harsh conditions. It is widely used in sensors, actuators, industrial input and output ports, industrial batteries and semiconductors, medical equipment and many other fields.

With the development of digitalization and high-speed communication, heavy-duty connectors may develop in the direction of high-speed and high-density to meet the needs of data transmission.

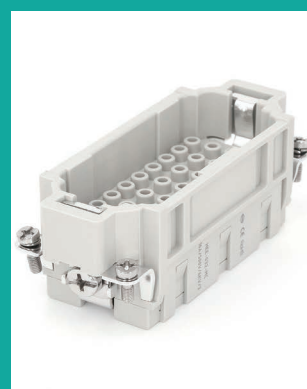
PLUG BODY



HKSeries



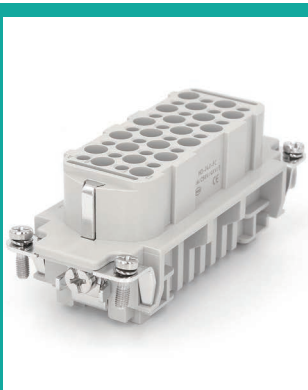
HESeries



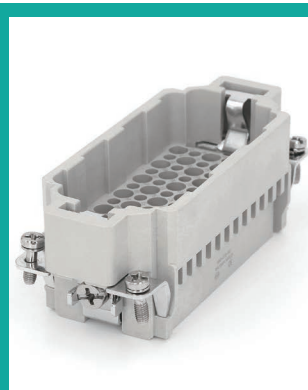
HEESeries



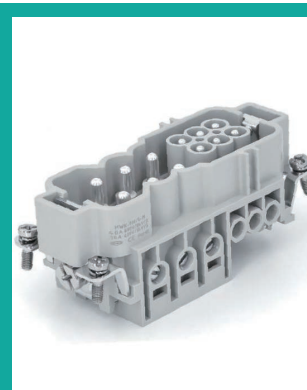
HEEESeries



HDSeries



HDDSeries



HKSeries



HQSeries

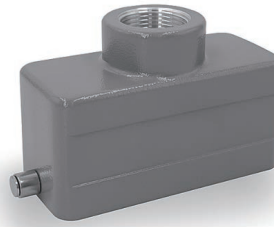
ENCLOSURE



H3A Series/Hoods
Top Entry



H10A H16A Series/Hoods
Side Entry



H16B H24B Series/Hoods
Top Entry



H32B Series/Hoods
Top Entry



H3A Series/Housings
Bulkhead Mounting



H10A H16A Series/Housings
Bulkhead Mounting



H3A Series/Hoods
Top Entry



H32B Series/Housings
Bulkhead Mounting

COLD INSERTION



5A Crimp Pins
(Can Be Gold And Silver Plated)



10A Crimp Pin
(Gold And Silver Plated)



10A with Two Jaw Supports
(Gold And Silver Plated)



10A With Three-Jaw Support
(Gold And Silver Plated)



16A Crimp Pins
(Gold And Silver Plated)



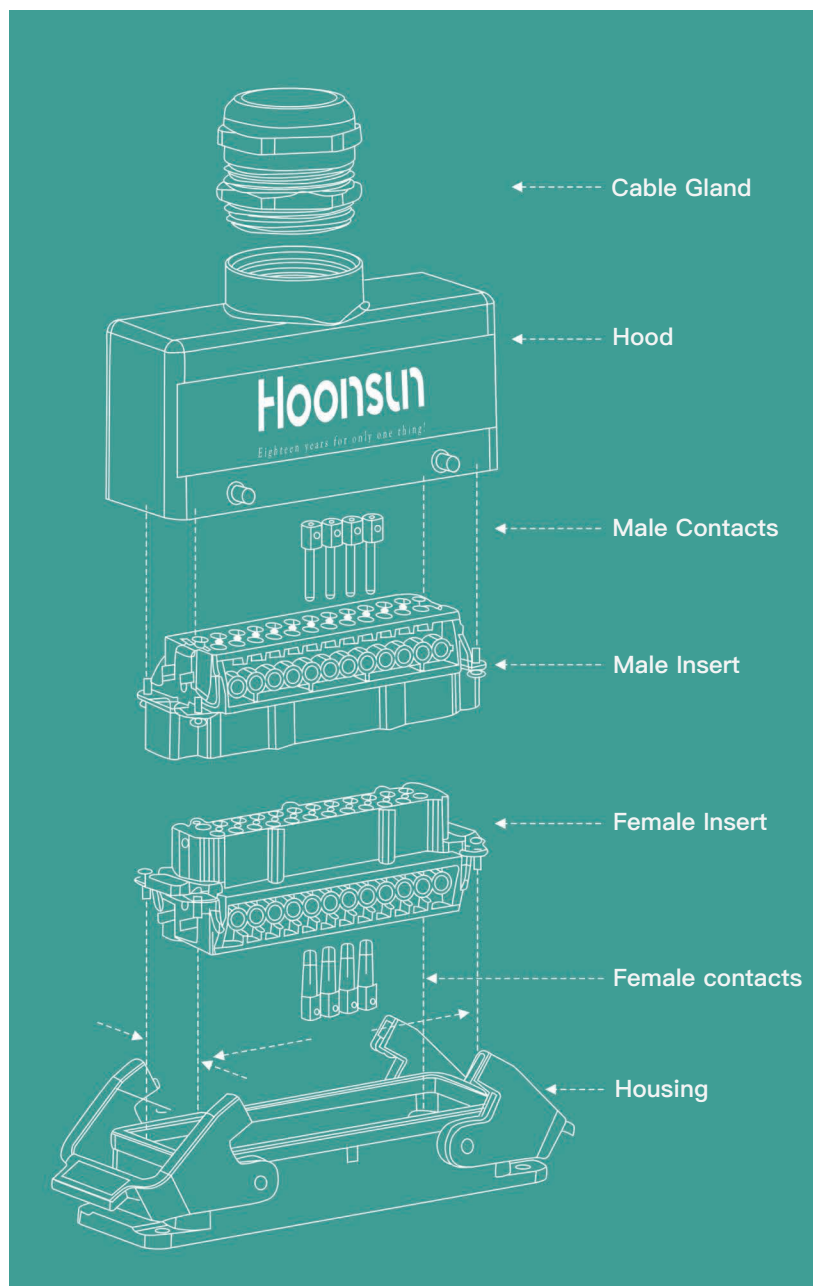
16A With Crown Spring Contact
(Gold And Silver Plated)



70A Crimp Contacts



Insurance Delay Needle



Cable glands

Metal or plastic cable glands
Metal or plastic hose glands
Other cable glands

Hoods

Low or high construction
Top or side cable entry
1 or 2 locking levers

Male,female

Screw terminal
Crimp terminal
Cage-clamp terminal

Male,female contacts

Only for crimp terminal
Gold or silver plated

Housing

Bulkhead mounting,surface mounting,cable to cable
1 or 2 levels
Housing with or without covers

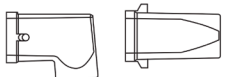
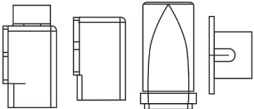
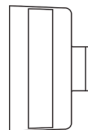
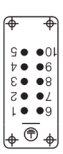
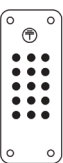
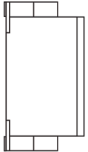
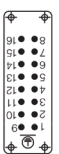
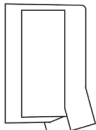
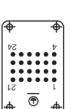
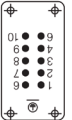
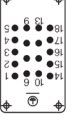
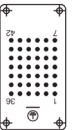
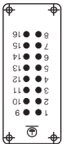
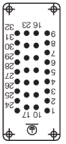
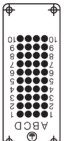
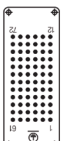
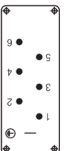
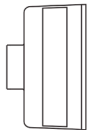
OTHER NOTES



Recommended tightening torque and size of screw driver

Screw size	Connector type	Tightening torque(N.m)	Tightening torque(lbft)	Recommended size of screw driver
M3	Screw terminal HA-003/HA-004	.25	0.2	0.4x2.5
M3	Screw terminal HA-010/HA-016	0.5	0.4	0.5x3.5 or +Size1
M3	Screw terminal HE, Guiding pins and bushes	0.50	0.40	"0.5 × 3.5"
M4	Ground terminal HA, HE, HD, HDD	1.2	0.9	0.5x3.5 or +Size1+2
M4	Screw terminal HSB	1.2	0.9	0.80 × 4.5
M5	Ground terminal HSB	2.00	1.40	"0.8 × 4.5 or 1.2 × 8"

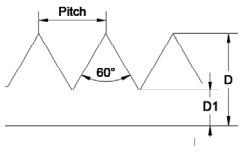


Inserts		HA Series Screw terminal Crimp terminal		HE Series Screw terminal Spring terminal Crimp terminal		*HEE Series Crimp terminal		*HD Series Crimp terminal		*HDD Series Crimp terminal		HSB Series Screw terminal		HK Series Screw terminal		Housings	
上壳 Hoods																	
3A		 230/400V/10A 3p+ 				 250V/10A 7p+ 											
10A		 250V/16A 10p+ 				 250V/10A 15p+ 											
16A		 250V/16A 16p+ 				 250V/10A 25p+ 											
32A		Suitable for 2 inserts of size 16A															
6B			 500V/16A 6p+ 	 500V/16A 10p+ 	 500V/16A 18p+ 		 250V/10A 24p+ 										
10B	 500V/16A 10p+ 		 500V/16A 18p+ 		 250V/10A 42p+ 												
16B	 500V/16A 16p+ 		 500V/16A 32p+ 	 250V/10A 40p+ 	 250V/10A 72p+ 	 400V/690V/35A 6p+ 											
24B																	
32B	Suitable for 2 inserts of size 16B																
48B	Suitable for 2 inserts of size 24B																

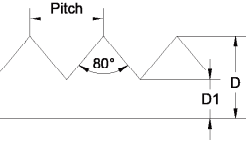
Modified contact loading arrangement permits use up to 500V,690V 1000V at insulation group C.



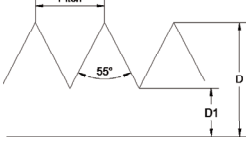
M metric thread
The thread code is M, the tooth profile angle is 60°, and the basic tooth profile is flat top

	尺寸 Size	螺距 Pitch	外径 D Outside	内径 D1 Inside
	M8×1	1.0	8	6.5
	M10×1	1.0	10	8.5
	M12×1.5	1.5	12	10.5
	M20×1.5	1.5	20	18.5
	M25×1.5	1.5	25	23.5
	M32×1.5	1.5	32	30.5
	M40×1.5	1.5	40	38.5
	M50×1.5	1.5	50	48.5
	M63×1.5	1.5	63	61.5
	M72×2	2.0	72	70

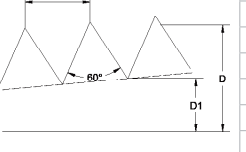
PG German thread
The thread code is PG, the tooth profile angle is 80°, and the basic tooth shape is flat top.

	尺寸 Size	螺距 Pitch	外径 D Outside	内径 D1 Inside
	PG7	1.270	12.50	11.28
	PG9	1.410	15.20	13.86
	PG11	1.410	18.60	17.26
	PG13.5	1.410	20.40	19.06
	PG16	1.410	22.50	21.16
	PG21	1.588	28.30	26.78
	PG29	1.588	37.00	35.48
	PG36	1.588	47.00	45.48
	PG42	1.588	54.00	52.48
	PG48	1.588	59.30	57.78

G Cylindrical pipe thread
The thread code is G, the tooth profile angle is 55°, and the basic tooth shape is a dome and a round bottom

	尺寸 Size	螺距 Pitch	外径 D Outside	内径 D1 Inside
	G1/4	1.337	13.157	11.445
	G3/8	1.337	16.662	14.950
	G1/2	1.814	20.955	18.631
	G3/4	1.814	26.441	24.117
	G1	2.309	33.249	30.910
	G1 1/4	2.309	41.910	38.952
	G1 1/2	2.309	47.803	44.845
	G2	2.309	59.614	56.656

NPT tapered pipe thread
The thread code is NPT, the profile angle is 60°, the basic tooth profile is flat top, and the taper is 1:16

	尺寸 Size	螺距 Pitch	外径 D Outside	内径 D1 Inside
	NPT1/4	1.337	13.157	11.445
	NPT3/8	1.337	16.662	14.950
	NPT1/2	1.814	20.955	18.631
	NPT3/4	1.814	26.441	24.117
	NPT1	2.309	33.249	30.910
	NPT1 1/4	2.309	41.910	38.952
	NPT1 1/2	2.309	47.803	44.845
	NPT2	2.309	59.614	56.656

PRODUCT MATERIAL ANALYSIS



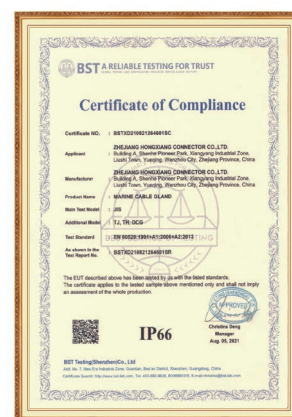
Name, grade		Material properties	Apply
Brass	H59	The mechanical properties of brass are related to its zinc content;H59 brass has good corrosion resistance; It has high strength,hardness and good plasticity, and has good stability for generalcorrosion.	It is widely used in light industry and agriculture,instruments and meters, and is widely used inthe field of electrical engineering.(Nickel platingon the surface can improve the anti-corrosionperformance of the product)
Stainless Steel	304/316L	It is corrosion-resistant, retains excellent strength and toughness athigh and low temperatures, is easy to process,and can be recycledindefinitely without loss of quality	Stainless steel is a material that is used in a wide range of applications, from kitchen appliances to building structures to automotive parts.
Aluminium	6061-T6	It has excellent processing performance, excellent welding characteristics and electroplating, good corrosion resistance, high toughness and no deformation after processing, dense material without defects and easy polishing, easy color film, excellent oxidation effect and other excellent characteristics.	The uses of 6061 aluminum include: aerospace fixtures, electrical fixtures, photovoltaics, communications, and are also widely used in automated mechanical parts and precision machining.
Nylon	PA6	According to the characteristics of the product, the glass fiber content is required to be in the range of 5-60%, and this kind of material has good strength, heat resistance, excellent impact resistance, good dimensional stability and low warpage.	It is widely used in machinery, instrumentation, electronic and electrical, railway, home appliances, communications and other electrical engineering
	PA66	It has excellent wear resistance, self-lubrication and highmechanical strength.	
	PA6/PA66+GF	According to the characteristics of the product, the glass fiber content is added in the range of 5-60%, and this kind of material has good strength, heat resistance, excellent impact resistance, good dimensional stability and low warpage.	

Surface Treatment --- Brass Nickel Plating Description:
1. Electroplating is the use of power to convert nickel cations into metal nickel and deposit them on the anode; Brass nickel plating is the use of chemical reduction method to reduce nickel cations into metal nickel and deposit them on the surface of the matrix (brass) to give the product special surface characteristics. For example, the product is endowed with a variety of colors, strong corrosion/wear resistance, fine crystallization, smooth and bright, low internal stress, and excellent electrical conductivity.
2. Chemical plating is the use of metal salts and reducing agents to obtain the coating by autocatalytic reaction on the surface of the material; Brass nickel plating is obtained by autocatalytic reduction deposition on the surface of activated parts (brass) by using reducing agent. The main characteristics of electroless nickel plating products are: uniform coating thickness, good compactness, strong coating adhesion, strong depth ability, and good corrosion resistance.

CERTIFICATIONS



Meets multiple national patent certifications and international standards, demonstrating strength and quality worthy of your recognition!





Scan the code to get detailed
product information.



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