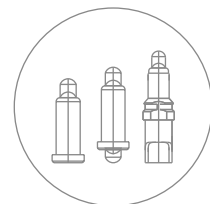
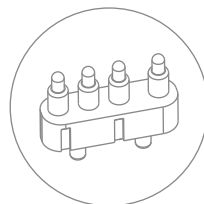


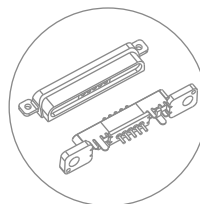
泰科汉泽—专业为您定制



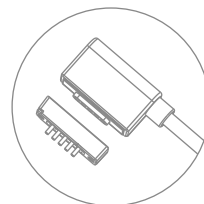
POGO PIN



POGO PIN连接器
pogo pin connector



磁吸连接器
pogo pin magnetic
connector



磁吸数据线
pogo pin magnetic
connector cable

POMAGTOR
磁性连接—专业为您定制

泰科汉泽 只造精品
Pomagtor Making Premium Product

深圳市泰科汉泽精密电子有限公司
Shenzhen Pomagtor Precision Electronics CO.,LTD

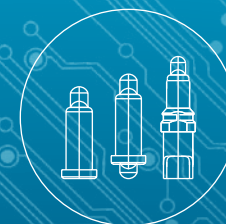
地址：广东省深圳市宝安区石岩街道水田社区祝龙田路126号

Add: 126 zhulongtian Road, Shiyan Shuitian 4th Industrial Zone, Bao'an District, Shenzhen

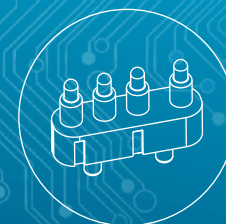
TEL: 0755-89485783 FAX: 0755-29415983 Web: www.pomagtor.com

E-mail: marketingmanager@pomagtor.net

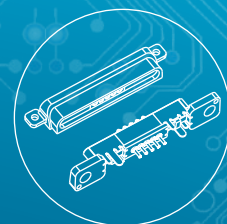
泰科汉泽-专业定制16年 CUSTOM
Pomagtor-Focus on customization over 16 years **16年**



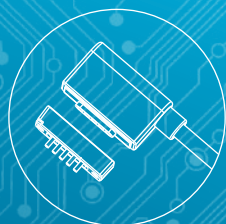
POGO PIN



POGO PIN连接器
POGO PIN connector



磁吸连接器
pogo pin magnetic
connector



磁吸数据线
pogo pin magnetic
connector cable

专业定制：高频/大电流POGO PIN

POMAGTOR
磁性连接—专业为您定制

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公司简介

深圳市泰科汉泽精密电子有限公司，以下简称“POMAGTOR” 创立于2005年，是一家以磁吸连接为主导，技术开发为核心，集研发、生产、销售为一体的精密连接技术之企业。

POMAGTOR自成立以来就致力于为中高端POGO PIN需求用户提供并定制高品质产品。我司研发团队对POGO PIN及连接器、磁吸数据线有着极其深入的研究和经验，目前我司已有2000多种成熟量产规格的POGO PIN供客户选择及成功开发200个磁吸定制方案。我司已是国家高新技术之企业，且产品核心技术已取得多项国家发明专利，可以协助客户开发设计新产品及优化已有产品结构，已经为多个领域知名客户提供完善的设计开发方案并实现量产。

我司主要之产品有：磁吸连接器、磁吸数据线、POGO PIN、POGO PIN连接器、智能发热服饰磁吸充电方案等产品。我们的产品覆盖于移动通讯、移动PC、GPRS、电子教育、智能手表、智能服饰、儿童智能玩具、VR、机器人、医疗器械和3C电子等领域。我们的技术研发、产品革新一直吻合市场发展之需求。公司目前在大陆、台湾地区、西欧、北美等地不断的扩大销售市场。

POMAGTOR目标：打造世界知名品牌、创建国内最大、最专业之POGO PIN、磁吸连接器制造基地。
POMAGTOR愿景：做国内最专业的磁吸连接器制造商。
POMAGTOR的辉煌需要您的支持。

-----感恩有您!



高新技术企业证书



质量管理体系认证证书 (中文)



UL安全认证证书 (英文)



High-tech Enterprise Certificate



Quality Management System Certificate (Chinese)



UL Safety Certificate (English)

COMPANY PROFILE

Pomagtor Ltd. (Snap it, tug it)was founded in 2007, Pomagtor is a pogo connector company that is a leading industry in manufacturing magnetic connector which provides “Snap and tug” feature that connects together magnetically and pull it out by applying a little force. One stop solution services are to give a flexible development and a rapid changing to ourvaluable customer.

we provide our customer “Timely service” , “Tracking progress” and “ quickly feedback” , even more competitive price.Our Research and Development team has over 10 years experiences in POGO PIN and magnetic connector and it has more than 1,000 varieties of products for customer to choose. We have over 10 invention patents and 20 patent pending in China, it can avoid theft of ideas, designs, other conceptsand plan for success.

Our main products are: Pogo Magnetic Connector (Pomagtor), magnetic data lines, POGO PIN, POGO PIN connector, intelligent wearable magnetic connector (Smart Clothing) and other products.
The Pomagtor name
blending “Pogo Magnetic Connector” is then adopted.



专利类型: 发明专利
Patent type: Patent

发明名称: 一种用于探针组装的模具
Invention name: One for probe set installed mold

专利号(Patent No.): ZL201110173639.6



专利类型: 发明专利
Patent type: Patent

发明名称: 一种用于探针组件装的方法
Invention name: One for probe set installed mold

专利号(Patent No.): ZL201110166233.5



专利类型: 发明专利
Patent type: Patent

发明名称: 磁性连接器
Invention name: Magnetic connector

专利号(Patent No.): ZL201410334468.4



专利类型: 发明专利
Patent type: Patent

发明名称: 一种用于电子设备的组件
Invention name: A component for an electronic device

专利号(Patent No.): ZL201410310654.4



专利类型: 实用新型专利
Patent type: Utility model patents

发明名称: 磁性连接器
Invention name: Magnetic connector

专利号(Patent No.): ZL201520103222.6



专利类型: 实用新型专利
Patent type: Utility model patents

发明名称: 一种新型弹簧探针
Invention name: A new type of spring probe

专利号(Patent No.): ZL201420845888.4



专利类型: 实用新型专利
Patent type: Utility model patents

发明名称: 一种磁性连接器
Invention name: Magnetic connector

专利号(Patent No.): ZL201320411657.8



专利类型: 实用新型专利
Patent type: Utility model patents

发明名称: 一种电子设备保护套及数据线
Invention name: Electronic device protective cover and data line

专利号(Patent No.): ZL201420538022.9



专利类型: 实用新型专利
Patent type: Utility model patents

发明名称: 一种改进的磁性连接器
Invention name: An improved magnetic connector

专利号(Patent No.): ZL201420385570.2



专利类型: 实用新型专利
Patent type: Utility model patents

发明名称: 一种手持电子设备护套
Invention name: Handheld electronic device sheath

专利号(Patent No.): ZL201420442633.3



专利类型: 实用新型专利
Patent type: Utility model patents

发明名称: 磁性连接器
Invention name: Magnetic connector

专利号(Patent No.): ZL201520730111.8



专利类型: 实用新型专利
Patent type: Utility model patents

发明名称: 一种快装式光电栅栏
Invention name: Fast-mounted photoelectric fence

专利号(Patent No.): ZL201520714096.8



专利类型: 实用新型专利
Patent type: Utility model patents

发明名称: 一种移动电源充电连接结构
Invention name: Mobile power charging connection structure

专利号(Patent No.): ZL201400539340.7



专利类型: 实用新型专利
Patent type: Utility model patents

发明名称: 一种精密连接器
Invention name: Precision connector

专利号(Patent No.): ZL201320184997.1



专利类型: 实用新型专利
Patent type: Utility model patents

发明名称: 一种磁性连接器
Invention name: Magnetic connector

专利号(Patent No.): ZL201320865991.0



专利类型: 实用新型专利
Patent type: Utility model patents

发明名称: 用于手持电子设备的护套组件
Invention name: Sheath assembly for handheld electronic devices

专利号(Patent No.): ZL201420361102.1

泰科汉泽产品应用领域

living in a rapidly changing world and we are at the brink of another technological boom, Pomagtor products are also up-to-date the trends. We widely used in automobiles, computers, tablets, Mobile phones, smart bracelets, household appliances, children's smart toys, VR, digital cameras, aviation, medical equipment, smart Furniture, smart cups, etc. Customers are highly satisfied with products and feedback with appreciation.

随着市场和产品技术的升级，泰科汉泽产品广泛应用于汽车、电脑、平板、手机、智能手环、白色家电、儿童智能玩具、VR、数码相机、航空、医疗器械、智能家具、智能水杯、智能服饰等领域，均受到各大客户喜好。



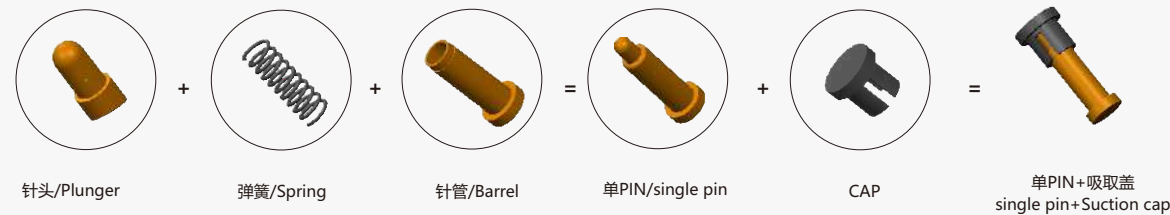
POGO PIN



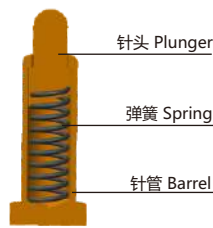
部分产品展示

POGO PIN基本参数/ Pogo pin structures and materials

针头 (Plunger) :	黄铜镀金(C3604), 电镀层的厚度因不同的使用场合而不同, 一般情况镀镍1.25~2.5um (换算为50~100u") , 镀金 0.125um~0.5um (换算为5u" ~20u") 。 Brass gold-plated (C3604), the thickness of the plating layer varies depending on the application. Generally, nickel plating is 1.25~2.5um (converted to 50~100u).Gold plating 0.125um~0.5um (converted to 5u~20u)).
针管 (Barrel) :	黄铜镀金(C3604), 电镀层的厚度因不同的使用场合而不同, 一般情况镀镍1.25~2.5um (换算为50~100u") , 镀金 0.125um~0.25um (换算为5u" ~10u") 。 Brass gold-plated (C3604), the thickness of the plating layer varies depending on the application. Generally, nickel plating is 1.25~2.5um (converted to 50~100u).Gold plating 0.125um~0.5um (converted to 5u~20u)).
弹簧 (Spring) :	不锈钢 (SUS304) 或者琴钢线 Stainless steel (SUS304) or piano steel wire
胶芯 (Housing) :	PA46, PA9T, HTN, LCP (无卤材料, 防火等级UL94V-0) PA46, PA9T, HTN, LCP (halogen-free material, UL 94 flammability ratings)
盖子 (CAP) :	LCP



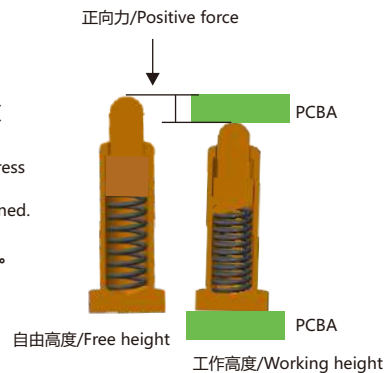
POGO PIN使用注意事项
Precaution for using POGO PIN



在设计中压缩量一般为总行程的2/3; 压入太少, 正向力不够, 会导致阻抗不稳定; 压入过多, 会将管口撞伤, 导致卡Pin。
In the design, the amount of compression is generally 2/3 of the total stroke; if the press is too small, the positive force is not enough, which will result inThe impedance is unstable; if the pressure is too much, the tube will be injured and the card will be pinned.

在装配过程中也要注意让管口避开受力, 以免将管口撞伤, 导致卡Pin。与Pogo Pin配对的电池触片或FPC金手指不能有脏污、氧化等。

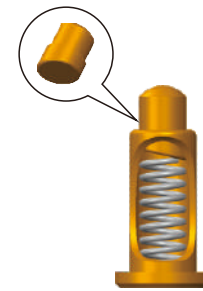
During the assembly process, care should be taken to avoid the pressure on the nozzle to avoid crushing the nozzle. The battery contacts or FPC gold fingers that are paired with the Pogo Pin cannot be dirty or oxidized.



POGO PIN产品规范/POGO PIN Product Specification

- A、额定电压/Rated voltage: Less than 36 Volts DC
- B、额定电流/Rated current: 2.0 Amperes continuous per Pin
- C、工作温度/Operating temperature: -40°C ~ 85°C
- D、储存温度/Storage temperature: -40°C ~ 85°C
- E、工作环境湿度/Working environment humidity: 10% R.H. ~ 90% R.H.
- F、耐久性(寿命)/Durability (life): 静态测试(Static test) 500,000 cycles, 动态测试(Dynamic Testing)10,000 cycles
- G、接触阻抗/Contact impedance: 30m Ohm Max. @working stroke(阻抗在整个工作行程要低于30m Ohm, 故要求的是动太的阻抗而不是某一点的阻抗)
- H、Pin之前的绝缘阻抗/Insulation resistance before pin: 500m Ohm Min

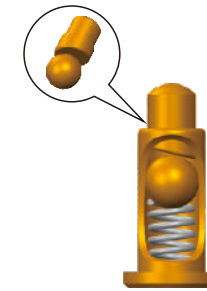
POGO PIN四大结构设计/POGO PIN four major structural design



斜面结构/Bevel structure

为了保证针轴在工作时100%与针管接触, 我们把针轴与弹簧接触的一端切成斜面, 这样的设计理念可以保证稳定的低阻抗。

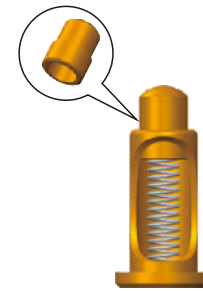
产品优点: 电阻阻值小且稳定, 可以确保针轴与管壁紧密接触降低瞬间断电之机率。



斜面加滚珠结构/Beveled and ball structure

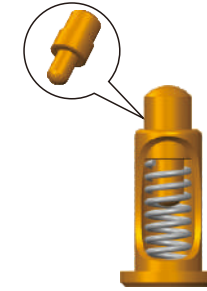
为了使接触更加稳定, 在针管内加入钢珠或者绝缘珠子, 从而降低弹簧通过的电流, 弹簧针内的钢珠更稳定的接触, 所以电性会有更佳的表现。

产品优点: 通过电流大, 接触阻抗小, 性能稳定。



反钻孔结构/Anti-drilling structure

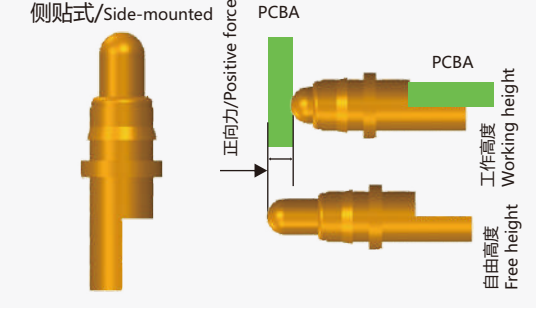
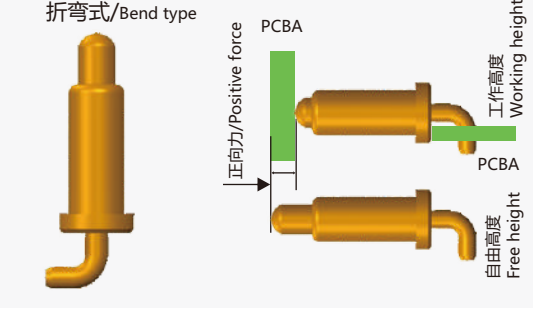
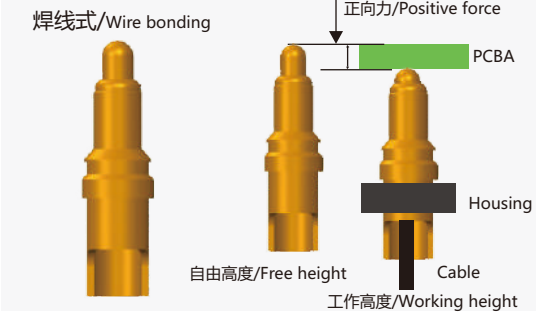
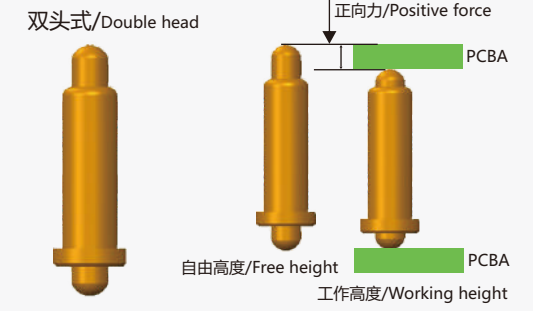
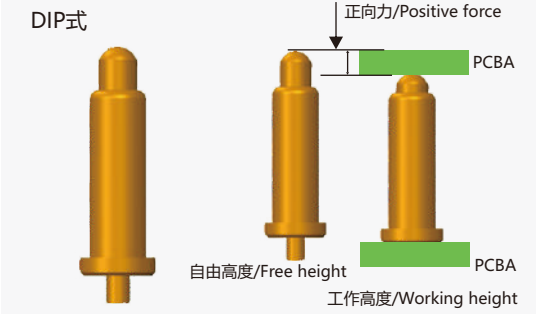
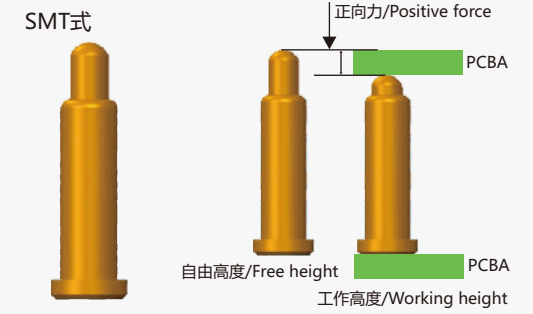
这种设计对于同心度要求高的连接器是最好的选择, 因为这种设计弹簧可以直接套在针轴的锥尾针上, 使针轴垂直受力, 因此轴的偏摆度相对较小。针轴底部为锥型, 锥尾置入弹簧内空中, 让针轴之晃动机会降低



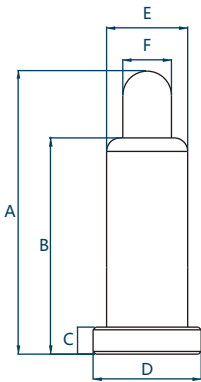
双接触结构/Double contact structure

这个设计对小尺寸的连接是最好的选择 在小尺寸上可以满足到客户的弹力需求 因为这种设计的弹簧长度可以超过针管的长度, 在一些空间受到限制的情况下, 我们把针轴内部挖空得到更多弹簧的装配空间, 因此便可获得稳定的弹力力度和相对多的压缩行程供客户选择。

POGO PIN六大类型/POGO PIN six types



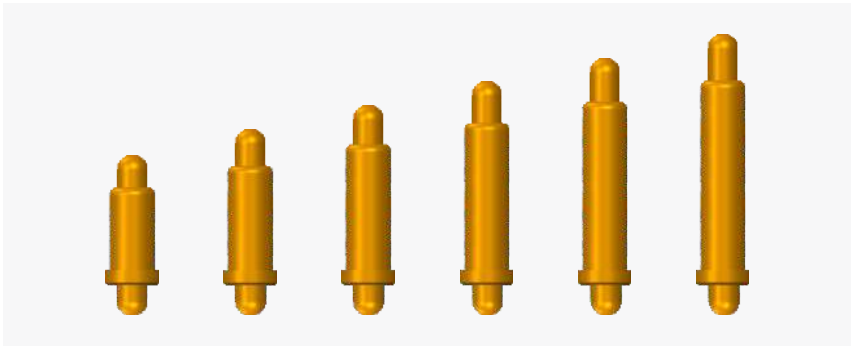
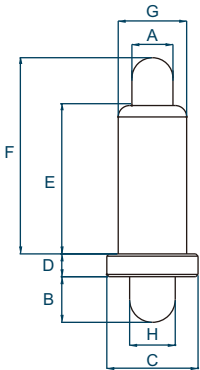
POGO PIN单头/Single head



POGO PIN单头选型表/Single head selection table

序号(Serial number)	品名(Product name)	A	B	C	D	E	F	弹力(Elasticity)
1	2.0*2.0	2.00	1.20	0.30	2.00	1.50	1.00	60gf±15gf
2	2.0*2.5	2.50	1.50	0.30	2.00	1.50	1.00	60gf±15gf
3	2.0*3.0	3.00	1.75	0.30	2.00	1.50	1.00	60gf±15gf
4	2.0*3.5	3.50	2.25	0.40	2.00	1.50	1.00	60gf±15gf
5	2.0*4.0	4.00	2.50	0.40	2.00	1.50	1.00	60gf±15gf
6	2.0*4.5	4.50	3.00	0.50	2.00	1.50	1.00	60gf±15gf
7	2.0*5.0	5.00	3.50	0.50	2.00	1.50	1.00	75gf±15gf
8	2.0*5.5	5.50	3.80	0.50	2.00	1.50	1.00	75gf±15gf
9	2.0*6.0	6.00	4.00	0.50	2.00	1.50	1.00	70gf±15gf
10	2.0*6.5	6.50	4.50	0.50	2.00	1.50	1.00	80gf±15gf
11	2.0*7.0	7.00	5.00	0.50	2.00	1.50	1.00	80gf±15gf
12	2.0*7.5	7.50	5.50	0.50	2.00	1.50	1.00	90gf±15gf
13	2.0*8.0	8.00	6.00	0.50	2.00	1.50	1.00	90gf±15gf
14	2.0*8.5	8.50	6.00	0.50	2.00	1.50	1.00	85gf±15gf

POGO PIN双头/Double head



POGO PIN双头选型表/Double head selection table

序号(Serial number)	品名(Product name)	A	B	C	D	E	F	G	H	弹力(Elasticity)
1	2.0*3.7	1.00	0.55	2.00	0.50	2.10	2.65	1.50	1.00	80gf ±15gf
2	2.0*4.3	1.00	0.50	2.00	0.50	2.35	3.30	1.50	1.00	80gf ±15gf
3	2.0*4.5	1.00	0.50	2.00	0.50	2.50	3.50	1.50	1.00	85gf ±15gf
4	2.0*4.8	1.00	1.00	2.00	0.50	2.30	3.30	1.50	1.00	85gf ±15gf
5	2.0*5.0	1.00	0.50	2.00	0.50	2.50	4.00	1.50	1.00	88gf ±15gf
6	2.0*5.3	1.00	1.20	2.00	0.50	2.60	3.60	1.50	1.00	90gf ±15gf
7	2.0*5.5	1.00	0.70	2.00	0.50	3.00	4.30	1.50	1.00	90gf ±15gf
8	2.0*6.0	1.00	1.00	2.00	0.50	3.50	4.50	1.50	1.00	95gf ±15gf
9	2.0*6.5	1.00	1.00	2.00	0.50	3.50	5.00	1.50	1.00	95gf ±15gf
10	2.0*7.0	1.00	1.00	2.00	0.50	4.00	5.50	1.50	1.00	100gf ±15gf
11	2.0*7.5	1.00	1.50	2.00	0.50	4.00	5.50	1.50	1.00	105gf ±15gf
12	2.0*8.0	1.00	1.00	2.00	0.50	5.00	6.50	1.50	1.00	105gf ±15gf
13	2.0*8.5	1.00	1.20	2.00	0.50	4.90	6.80	1.50	1.00	110gf ±15gf
14	2.0*8.8	1.00	0.80	2.00	0.50	6.00	7.50	1.50	1.00	120gf ±15gf

DIP式

HY90.00011-015



HY90.00110-005



HY90.00858-001



HY90.00858-002



HY90.00866-001



HY90.00869-001



HY90.00879-001



HY90.00940-001



HY90.01009-001



HY90.01030-003



HY90.01086-001



SMT式

HY90.00002-001



HY90.00005-003



HY90.00011-005



HY90.00006-012



HY90.00016-004



HY90.00019-002



HY90.00023-005



HY90.00035-001



HY90.00036-004



HY90.00041-002



HY90.00046-001



HY90.00055-003



双头式

HY90.00038-001



HY90.00040-001



HY90.00042-001



HY90.00045-001



HY90.00037-007



HY90.00060-001



HY90.00061-001



HY90.00065-001



HY90.00066-001



HY90.00068-001



HY90.00069-002



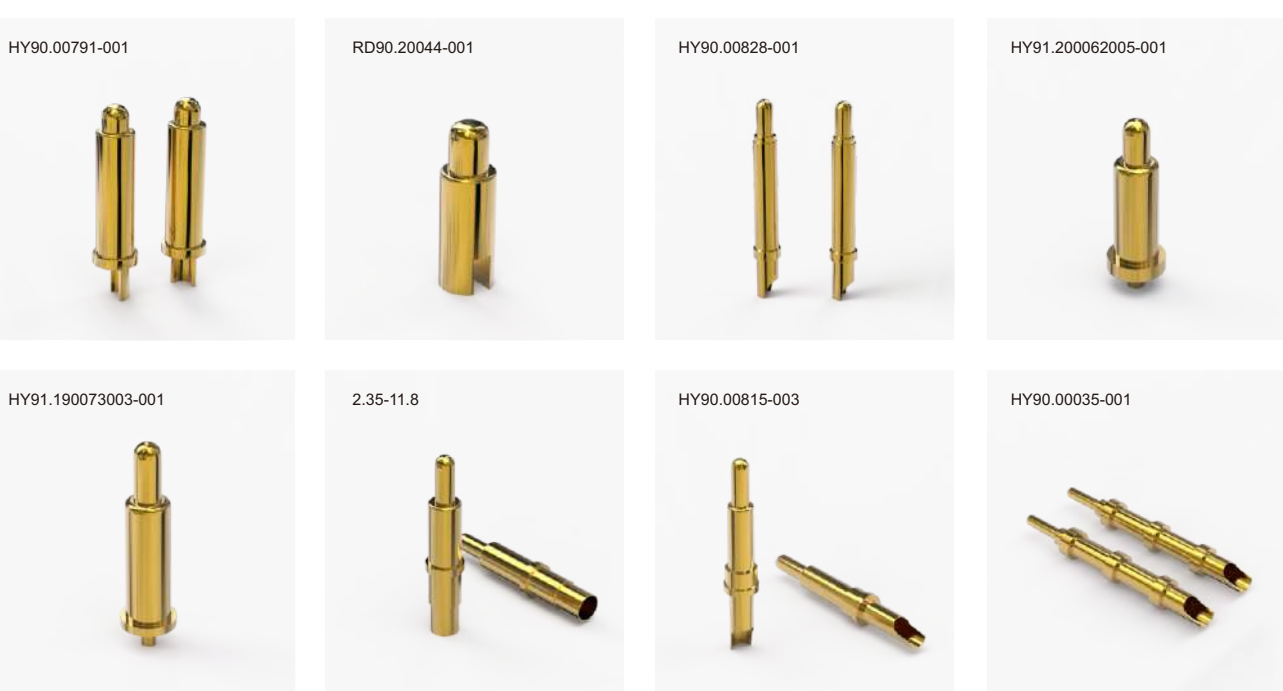
HY90.00070-001



侧帖式



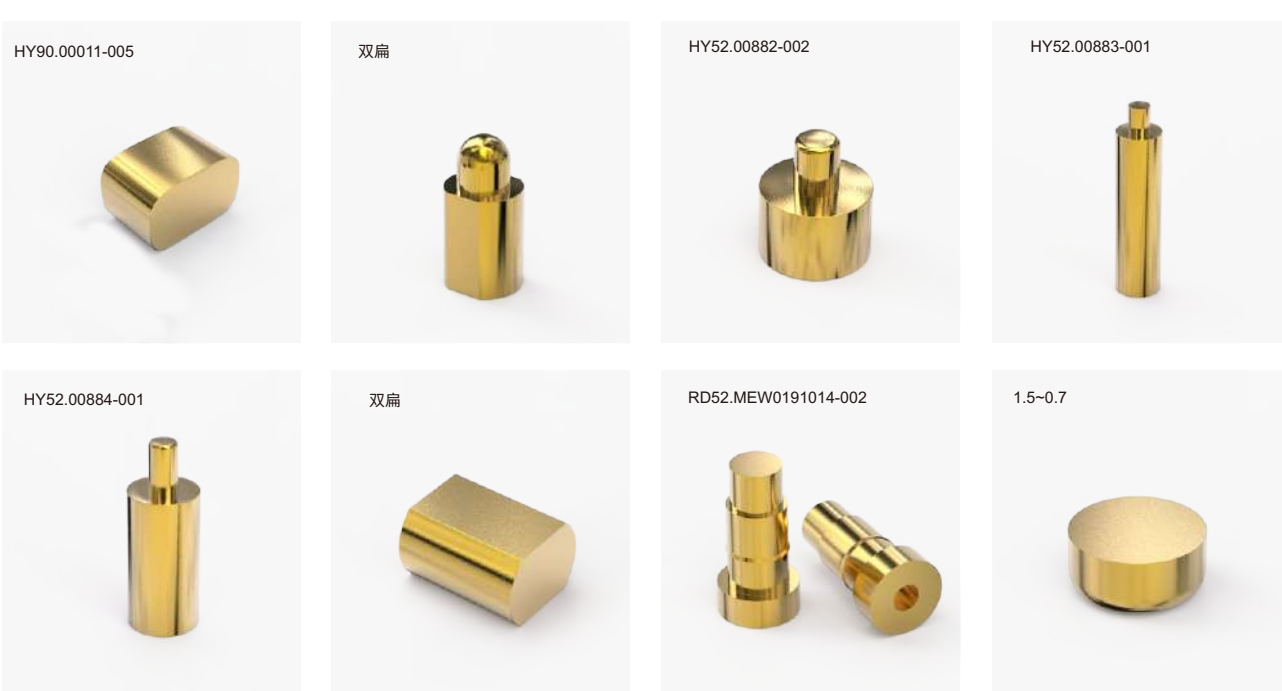
焊线式



异形铜柱

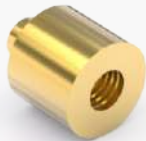


铜柱



异形

HY75.00841-001



RD90.20161-001



HY90.00011-005



HY90.01081-001



HY90.01149-001



HY90.00019-002



1.5*3.4弹针



4.0*12.0弹针



HY90.00036-004



5.6*11.5弹针



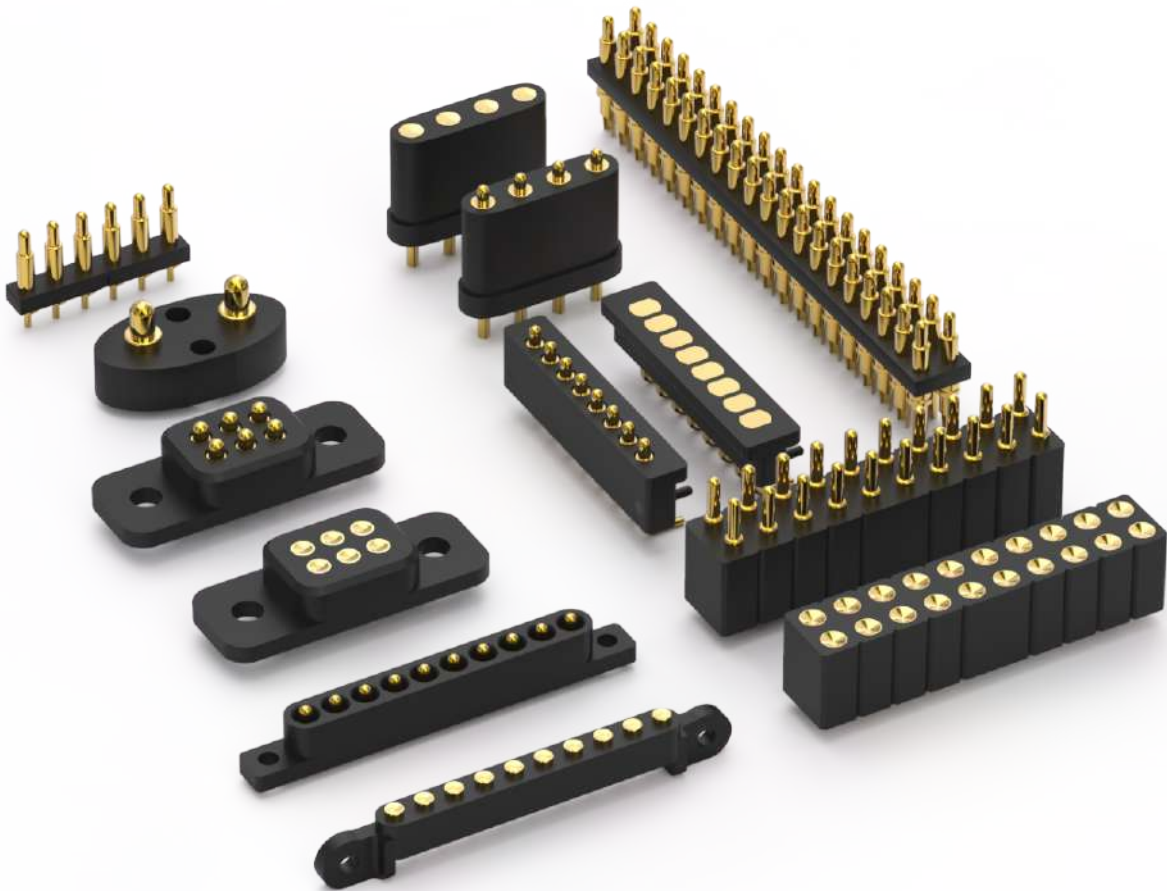
4.0*21.0弹针



6.0*14.0



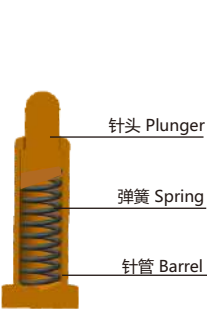
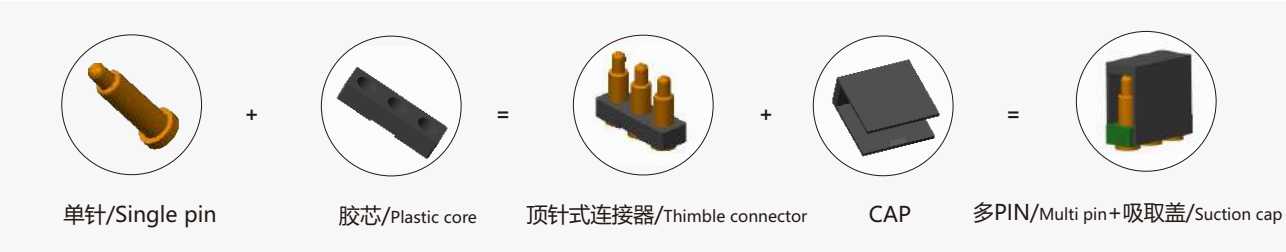
POGO PIN连接器



部分产品展示

POGO PIN连接器基本参数/ Pogo pin structures and materials

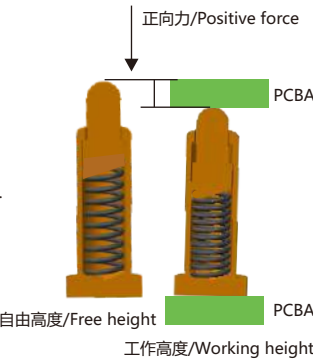
针头 (Plunger) :	黄铜镀金(C3604), 电镀层的厚度因不同的使用场合而不同, 一般情况镀镍1.25~2.5um (换算为50~100u") , 镀金 0.125um~0.5um (换算为5u" ~20u") 。 Brass gold-plated (C3604), the thickness of the plating layer varies depending on the application. Generally, nickel plating is 1.25~2.5um (converted to 50~100u).Gold plating 0.125um~0.5um (converted to 5u~20u)).
针管 (Barrel) :	黄铜镀金(C3604), 电镀层的厚度因不同的使用场合而不同, 一般情况镀镍1.25~2.5um (换算为50~100u") , 镀金 0.125um~0.25um (换算为5u" ~10u") 。 Brass gold-plated (C3604), the thickness of the plating layer varies depending on the application. Generally, nickel plating is 1.25~2.5um (converted to 50~100u).Gold plating 0.125um~0.5um (converted to 5u~20u)).
弹簧 (Spring) :	不锈钢 (SUS304) 或者琴钢线 Stainless steel (SUS304) or piano steel wire
胶芯 (Housing) :	PA46, PA9T, HTN, LCP (无卤材料, 防火等级UL94V-0) PA46, PA9T, HTN, LCP (halogen-free material, UL 94 flammability ratings)
盖子 (CAP) :	LCP



POGO PIN使用注意事项
Precaution for using POGO PIN

在设计中压缩量一般为总行程的2/3; 压入太少, 正向力不够, 会导致阻抗不稳定; 压入过多, 会将管口撞伤, 导致卡Pin。
In the design, the amount of compression is generally 2/3 of the total stroke; if the press is too small, the positive force is not enough, which will result inThe impedance is unstable; if the pressure is too much, the tube will be injured and the card will be pinned.

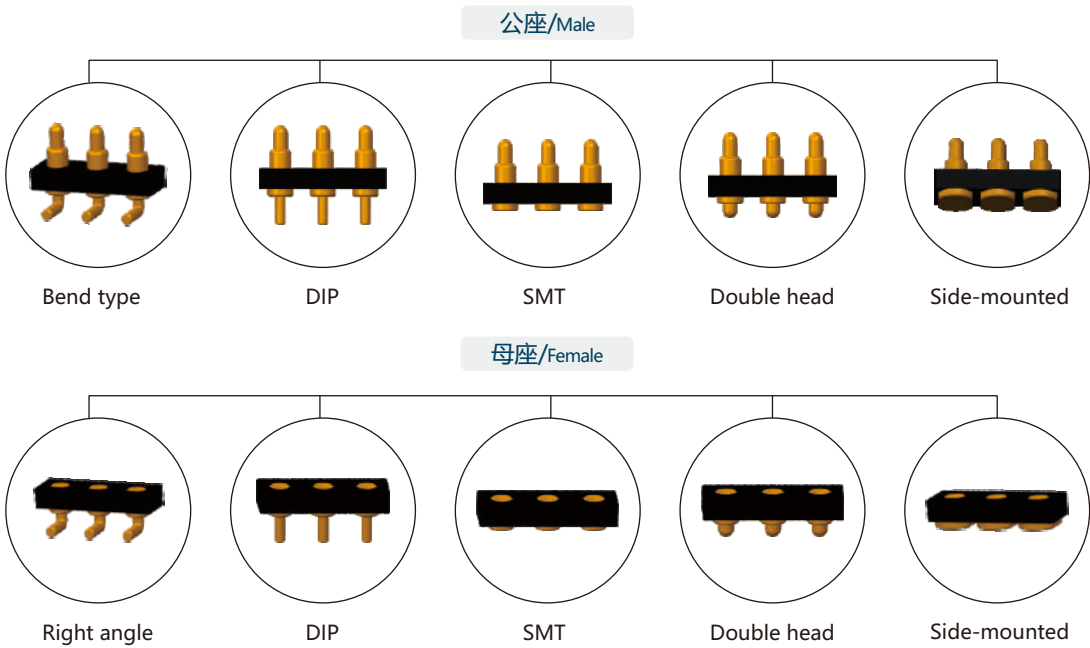
在装配过程中也要注意让管口避开受力, 以免将管口撞伤, 导致卡Pin。与Pogo Pin配对的电池触片或FPC金手指不能有脏污、氧化等。
During the assembly process, care should be taken to avoid the pressure on the nozzle to avoid crushing the nozzle. The battery contacts or FPC gold fingers that are paired with the Pogo Pin cannot be dirty or oxidized.



POGO PIN连接器产品规范/Specification of POGO PIN connector

- A、额定电压/Rated voltage: Less than 36 Volts DC
- B、额定电流/Rated current: 2.0 Amperes continuous per Pin
- C、工作温度/Operating temperature: -40°C ~ 85°C
- D、储存温度/Storage temperature: -40°C ~ 85°C
- E、工作环境湿度/Working environment humidity: 10% R.H. ~ 90% R.H.
- F、耐久性(寿命)/Durability (life): 静态测试(Static test) 500,000 cycles, 动态测试(Dynamic Testing)10,000 cycles
- G、接触阻抗/Contact impedance: 30m Ohm Max. @working stroke(阻抗在整个工作行程要低于30m Ohm, 故要求的是动太的阻抗而不是某一点的阻抗)
- H、Pin之前的绝缘阻抗/Insulation resistance before pin: 500m Ohm Min

POGO PIN连接器使用介绍/Introduction of usage of POGO PIN connector



POGO PIN连接器使用介绍/POGO PIN Applications on different areas

1.SMT式/SMT type

稳定性好，针管底部为平底设计，易于SMT贴片焊接。
Good stability, the bottom of the needle tube is flat bottom design, easy to SMT patch welding.



2.DIP式/DIP type

针轴尾部带定位针，与PCB焊接时不会偏移，定位效果佳。
The needle tail has a positioning pin, which is not offset when soldering with the PCB, and the positioning effect is good.



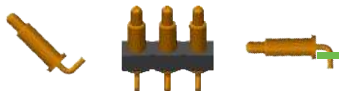
3.侧贴式/Side-mounted

侧贴方式的设计大大减少产品的厚度，通用与超薄产品的电池连接。
The side-by-side design greatly reduces the thickness of the product, and the GM is connected to the battery of the ultra-thin product.



4.折弯式/Bend type

针轴尾部折弯，提供设计人员在空间利用上更多的选择。
The tail of the needle shaft is bent, providing designers with more choices in space utilization.



5.双头式/Double head

双头双弹设计，让工程师在板对板双向连接有更多的空间弹性。
The double-headed double-elastic design gives engineers more room flexibility in board-to-board bidirectional connections.



POGO PIN连接器的优势/Advantage of using POGO PIN connector

IPX6-IPX7级别的防水设计/IPX6-IPX7 waterproof design

外形小/Small size

耐高温性/High temperature resistance

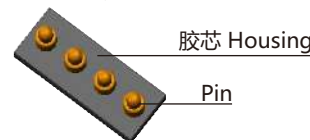
抗腐蚀性/Corrosion resistance

提供客制化设计/Provide customized design



1.模内注塑式/In-mold injection molding

模内注塑式设计可达到IPX68的防水等级
In-mold injection molded design achieves IPX7 waterproof rating



2.O-ring式/O-ring type

O-ring式设计可达到IPX68的防水等级
O-ring design can achieve IPX7 waterproof rating

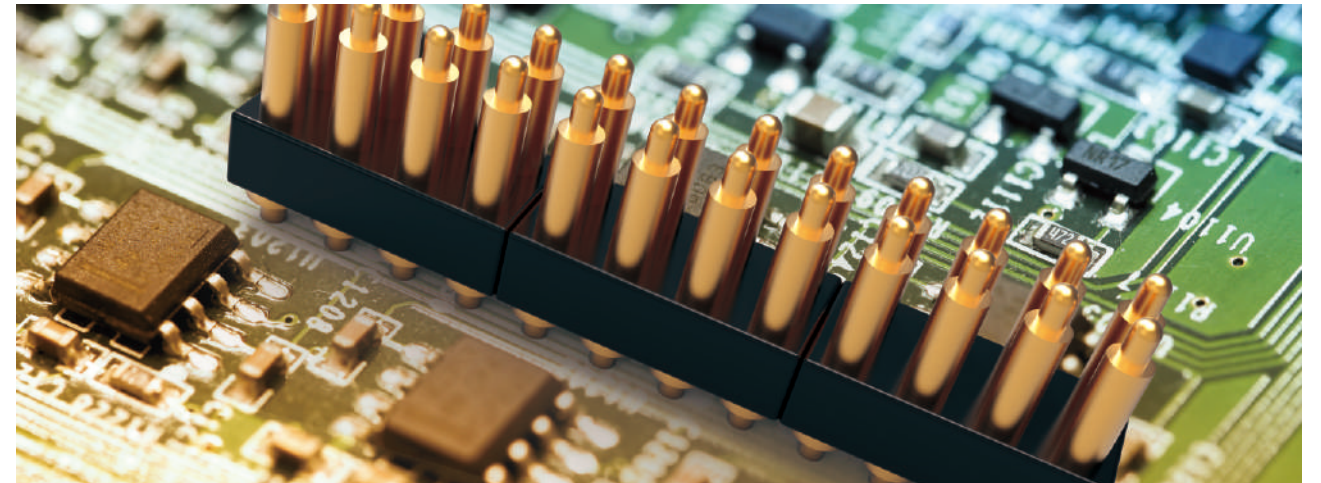
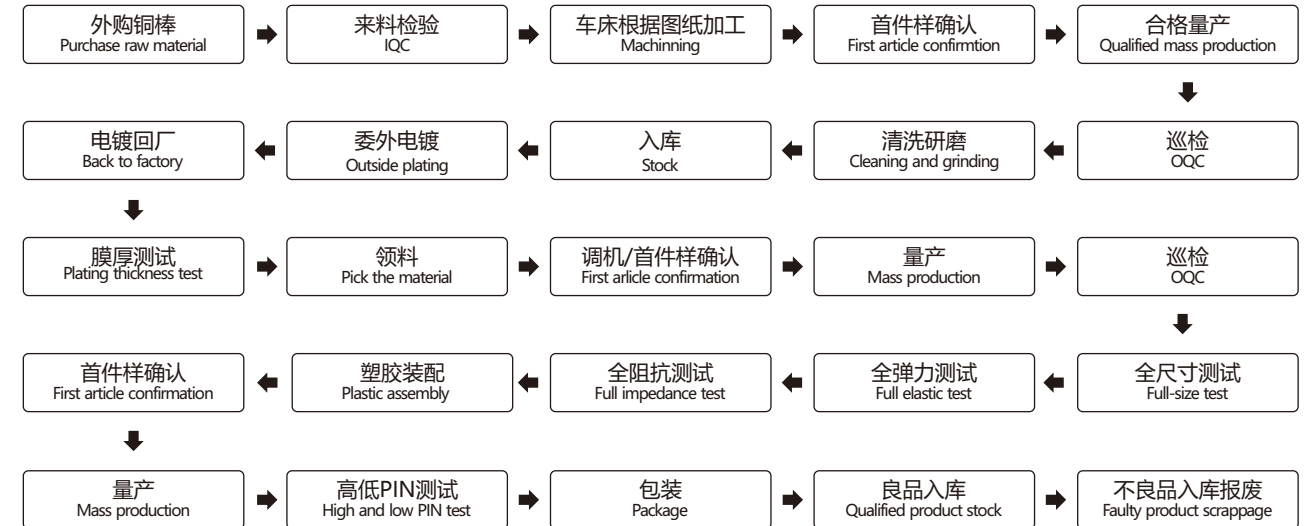


3.点胶式/Dispensing

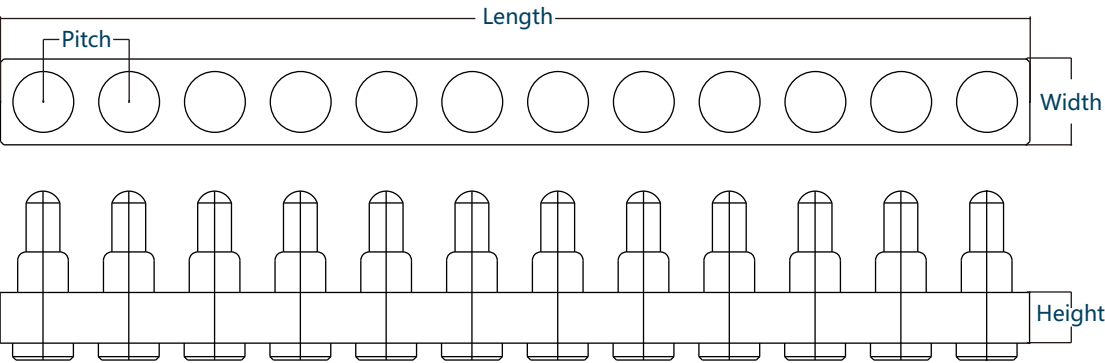
点胶式设计可达到IPX68的防水等级
Dispensing design to achieve IPX6 waterproof rating



POGO PIN连接器生产工艺流程图/Connector production process flow chart

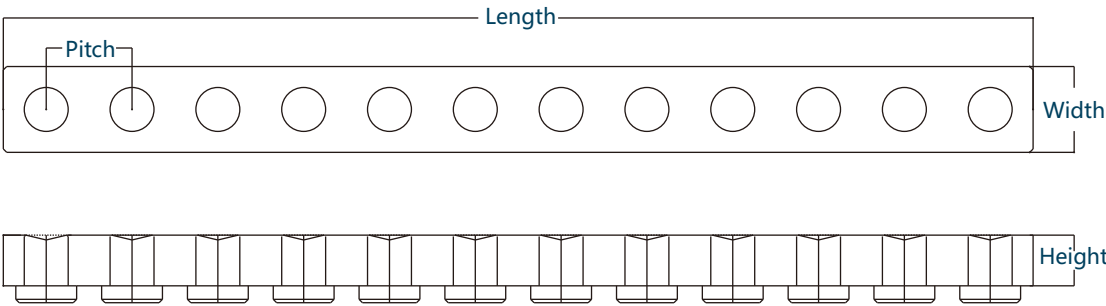


POGO PIN连接器单排-公座选型表/POGO PIN connector single row - male selection table



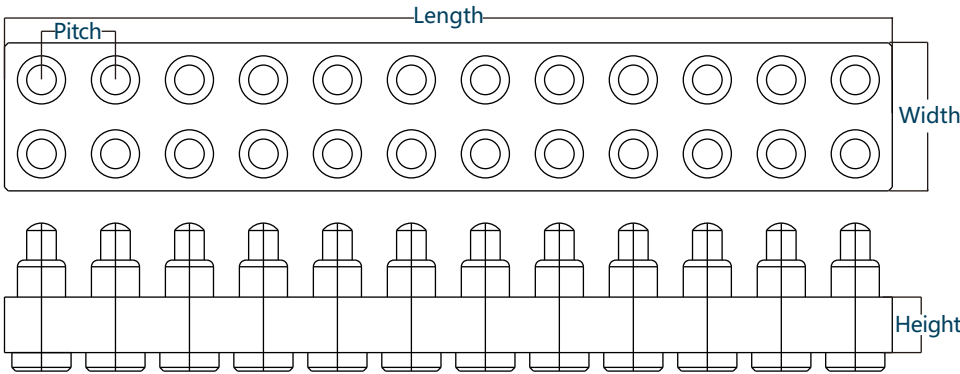
单排POGO PIN连接器公座塑胶说明/Single row POGO PIN connector male plastic description													
PIN数	Length (长度) mm			Width(宽) mm			Height (高) mm	Pitch/mm			生产工艺 Production Process		
	2.00	2.54	3.00	2.00	2.54	3.00							
2	4.00	5.08	6.00	2.00	2.54	3.00	1.5/2.0	2.00	2.54	3.00	SMT	DIP	折弯
3	6.00	7.62	9.00	2.00	2.54	3.00	1.5/2.0	2.00	2.54	3.00	材料: LCP、HTN、尼龙		
4	8.00	10.16	12.00	2.00	2.54	3.00	1.5/2.0	2.00	2.54	3.00	材料: LCP、HTN、尼龙		
5	10.00	12.70	15.00	2.00	2.54	3.00	1.5/2.0	2.00	2.54	3.00	材料: LCP、HTN、尼龙		
6	12.00	15.24	18.00	2.00	2.54	3.00	1.5/2.0	2.00	2.54	3.00	材料: LCP、HTN、尼龙		
7	14.00	17.78	21.00	2.00	2.54	3.00	1.5/2.0	2.00	2.54	3.00	材料: LCP、HTN、尼龙		
8	16.00	20.32	24.00	2.00	2.54	3.00	1.5/2.0	2.00	2.54	3.00	材料: LCP、HTN、尼龙		
9	18.00	22.86	27.00	2.00	2.54	3.00	1.5/2.0	2.00	2.54	3.00	材料: LCP、HTN、尼龙		
10	20.00	25.40	30.00	2.00	2.54	3.00	1.5/2.0	2.00	2.54	3.00	材料: LCP、HTN、尼龙		
11	22.00	27.94	33.00	2.00	2.54	3.00	1.5/2.0	2.00	2.54	3.00	材料: LCP、HTN、尼龙		
12	24.00	30.48	36.00	2.00	2.54	3.00	1.5/2.0	2.00	2.54	3.00	材料: LCP、HTN、尼龙		
POGO PIN我们可以根据您的要求定制/POGO PIN can be customized according to your requirements													
长度(length)mm		外径(Outer diameter)mm		表面处理(Surface treatment)		弹力(Elasticity)		阻抗 (impedance)		寿命(life)			
2.5-15		1.8-2.0		镀金(Gold plating)3-100u"		20-600GF		小于 (Less than)100mΩ		10000次最小_(minimum)			

POGO PIN连接器单排-母座选型表/POGO PIN connector single row - female selection table



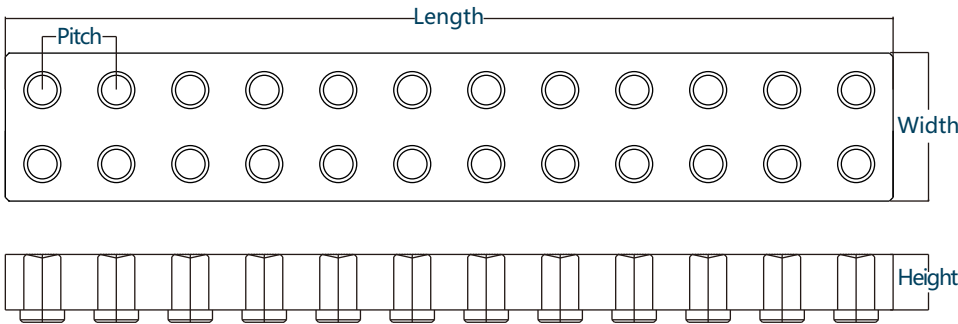
单排POGO PIN连接器母座塑胶说明/Single row POGO PIN connector mother seat plastic description													
PIN数	Length (长度) mm			Width(宽) mm			Height (高) mm	Pitch/mm			生产工艺 Production Process		
	2.00	2.54	3.00	2.00	2.54	3.00							
2	4.00	5.08	6.00	2.00	2.54	3.00	1.5/2.0	2.00	2.54	3.00	SMT	DIP	折弯
3	6.00	7.62	9.00	2.00	2.54	3.00	1.5/2.0	2.00	2.54	3.00	材料：LCP、HTN、尼龙		
4	8.00	10.16	12.00	2.00	2.54	3.00	1.5/2.0	2.00	2.54	3.00	材料：LCP、HTN、尼龙		
5	10.00	12.70	15.00	2.00	2.54	3.00	1.5/2.0	2.00	2.54	3.00	材料：LCP、HTN、尼龙		
6	12.00	15.24	18.00	2.00	2.54	3.00	1.5/2.0	2.00	2.54	3.00	材料：LCP、HTN、尼龙		
7	14.00	17.78	21.00	2.00	2.54	3.00	1.5/2.0	2.00	2.54	3.00	材料：LCP、HTN、尼龙		
8	16.00	20.32	24.00	2.00	2.54	3.00	1.5/2.0	2.00	2.54	3.00	材料：LCP、HTN、尼龙		
9	18.00	22.86	27.00	2.00	2.54	3.00	1.5/2.0	2.00	2.54	3.00	材料：LCP、HTN、尼龙		
10	20.00	25.40	30.00	2.00	2.54	3.00	1.5/2.0	2.00	2.54	3.00	材料：LCP、HTN、尼龙		
11	22.00	27.94	33.00	2.00	2.54	3.00	1.5/2.0	2.00	2.54	3.00	材料：LCP、HTN、尼龙		
12	24.00	30.48	36.00	2.00	2.54	3.00	1.5/2.0	2.00	2.54	3.00	材料：LCP、HTN、尼龙		
POGO PIN我们可以根据您的要求定制/POGO PIN can be customized according to your requirements													
长度(length)mm			外径(Outer diameter)mm			表面处理(Surface treatment)		阻抗 (impedance)			寿命(life)		
2.5-15			1.8-2.0			镀金(Gold plating)3-100u”		30mΩ			10000次最小(minimum)		

POGOPIN连接器双排-公座选型表/POGOPIN connector double row - male selection table



双排POGO PIN连接器公座塑胶说明/Double row POGO PIN connector male seat plastic description													
PIN数	Length (长度) mm			Width(宽) mm			Height (高) mm	Pitch/mm			生产工艺 Production Process		
	2.00	2.54	3.00	2.00	2.54	3.00							
4	4.00	5.08	6.00	4.00	5.08	6.00	1.5/2.0	2.00	2.54	3.00	SMT	DIP	折弯
6	6.00	7.62	9.00	4.00	5.08	6.00	1.5/2.0	2.00	2.54	3.00	材料: LCP、HTN、尼龙		
8	8.00	10.16	12.00	4.00	5.08	6.00	1.5/2.0	2.00	2.54	3.00	材料: LCP、HTN、尼龙		
10	10.00	12.70	15.00	4.00	5.08	6.00	1.5/2.0	2.00	2.54	3.00	材料: LCP、HTN、尼龙		
12	12.00	15.24	18.00	4.00	5.08	6.00	1.5/2.0	2.00	2.54	3.00	材料: LCP、HTN、尼龙		
14	14.00	17.78	21.00	4.00	5.08	6.00	1.5/2.0	2.00	2.54	3.00	材料: LCP、HTN、尼龙		
16	16.00	20.32	24.00	4.00	5.08	6.00	1.5/2.0	2.00	2.54	3.00	材料: LCP、HTN、尼龙		
18	18.00	22.86	27.00	4.00	5.08	6.00	1.5/2.0	2.00	2.54	3.00	材料: LCP、HTN、尼龙		
20	20.00	25.40	30.00	4.00	5.08	6.00	1.5/2.0	2.00	2.54	3.00	材料: LCP、HTN、尼龙		
22	22.00	27.94	33.00	4.00	5.08	6.00	1.5/2.0	2.00	2.54	3.00	材料: LCP、HTN、尼龙		
24	24.00	30.48	36.00	4.00	5.08	6.00	1.5/2.0	2.00	2.54	3.00	材料: LCP、HTN、尼龙		
POGO PIN我们可以根据您的要求定制/POGO PIN can be customized according to your requirements													
长度(length)mm		外径(Outer diameter)mm		表面处理(Surface treatment)			弹力(Elasticity)		阻抗 (impedance)		寿命(life)		
2.5-15		1.8-2.0		镀金(Gold plating)3-100u"			20-600GF		小于 (Less than)100mΩ		10000次最小(minimum)		

POGOPIN连接器双排-母座选型表/POGOPIN connector double row - female selection table



双排POGO PIN连接器母座 (Housing) 塑胶说明/Double row POGO PIN connector mother seat plastic description													
PIN数	Length (长度) mm			Width(宽) mm			Htight (高) mm	Pitch/mm			生产工艺 Production Process		
	2.00	2.54	3.00	2.00	2.54	3.00							
4	4.00	5.08	6.00	4.00	5.08	6.00	1.5/2.0	2.00	2.54	3.00	SMT	DIP	折弯
6	6.00	7.62	9.00	4.00	5.08	6.00	1.5/2.0	2.00	2.54	3.00	材料：LCP、HTN、尼龙		
8	8.00	10.16	12.00	4.00	5.08	6.00	1.5/2.0	2.00	2.54	3.00	材料：LCP、HTN、尼龙		
10	10.00	12.70	15.00	4.00	5.08	6.00	1.5/2.0	2.00	2.54	3.00	材料：LCP、HTN、尼龙		
12	12.00	15.24	18.00	4.00	5.08	6.00	1.5/2.0	2.00	2.54	3.00	材料：LCP、HTN、尼龙		
14	14.00	17.78	21.00	4.00	5.08	6.00	1.5/2.0	2.00	2.54	3.00	材料：LCP、HTN、尼龙		
16	16.00	20.32	24.00	4.00	5.08	6.00	1.5/2.0	2.00	2.54	3.00	材料：LCP、HTN、尼龙		
18	18.00	22.86	27.00	4.00	5.08	6.00	1.5/2.0	2.00	2.54	3.00	材料：LCP、HTN、尼龙		
20	20.00	25.40	30.00	4.00	5.08	6.00	1.5/2.0	2.00	2.54	3.00	材料：LCP、HTN、尼龙		
22	22.00	27.94	33.00	4.00	5.08	6.00	1.5/2.0	2.00	2.54	3.00	材料：LCP、HTN、尼龙		
24	24.00	30.48	36.00	4.00	5.08	6.00	1.5/2.0	2.00	2.54	3.00	材料：LCP、HTN、尼龙		
POGO PIN我们可以根据您的要求定制													
长度(length)mm			外径(Outer diameter)mm			表面处理(Surface treatment)		阻抗 (impedance)			寿命(life)		
2.5-15			1.8-2.0			镀金(Gold plating)3-100u”		30mΩ			10000次最小(minimum)		

货号(Product name): LX2PIN POGO PIN连接器
料号(Part No): HY91-00148-001



货号(Product name): LT2PIN POGO PIN连接器
料号(Part No): HY91-00505-001



货号(Product name): LKS2PIN POGO PIN连接器
料号(Part No): HY91-00335-001



货号(Product name): WEME3PIN POGO PIN连接器
料号(Part No): HY91-00360-001



货号(Product name): 3PIN POGO PIN连接器
料号(Part No): HY91-00140-003



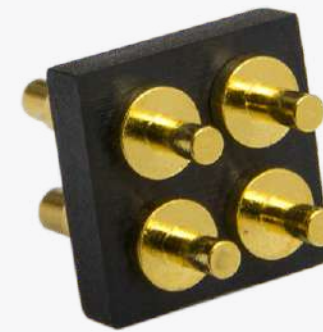
货号(Product name): DSL4PIN POGO PIN连接器
料号(Part No): HY91-00178-002



货号(Product name): LX4PIN POGO PIN连接器
料号(Part No): HY91-00166-003



货号(Product name): ZHD4PIN POGO PIN连接器
料号(Part No): HY91-00082-003



产品名称(Product name): 4PIN折弯 POGO PIN连接器
料号(Part No): HY91-00084-001



货号(Product name): 4PIN POGO PIN连接器
料号(Part No): HY91-00162-002



货号(Product name): 4PIN POGO PIN连接器
料号(Part No): HY91-00178-001



货号(Product name): 4PIN折弯 POGO PIN连接器



货号(Product name): 4PIN POGO PIN连接器



货号(Product name): 5PIN POGO PIN连接器



货号(Product name): 5PIN POGO PIN 连接器



货号(Product name): 5PIN POGO PIN连接器



货号(Product name): 5PIN POGO PIN连接器



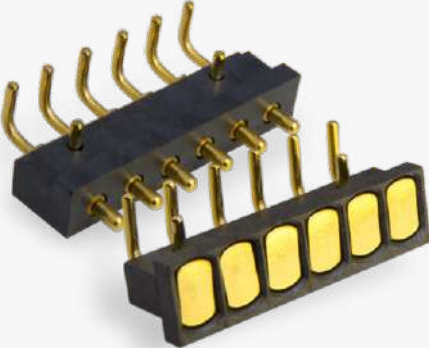
货号(Product name): LJ5PIN POGO PIN连接器



货号(Product name): AD6PIN POGO PIN连接器



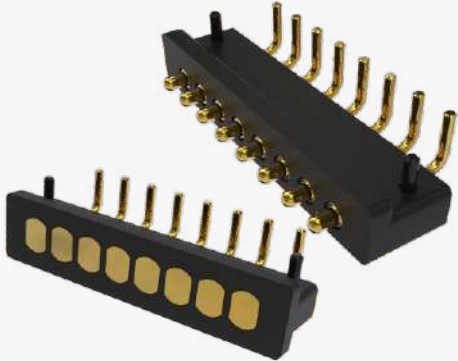
货号(Product name): 6PIN POGO PIN连接器



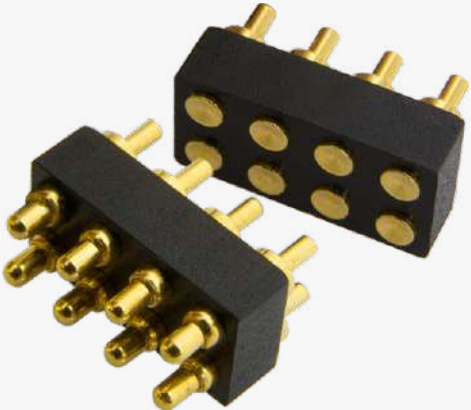
货号(Product name): 7PIN POGO PIN连接器
料号(Part No): HY91-00186-001



货号(Product name): 8PIN POGO PIN连接器
料号(Part No): HY80-00142-001



货号(Product name): ZHD8PIN PIN POGO PIN连接器
料号(Part No): HY91-00082-001



货号(Product name): 10PIN POGO PIN连接器



货号(Product name): 10PIN POGO PIN连接器
料号(Part No): HY91-00160-002



货号(Product name): HH12PIN POGO PIN连接器
料号(Part No): HY80-00142-001



货号(Product name): 12PIN POGO PIN连接器
料号(Part No): HY91-00034-001



货号(Product name): LX14PIN POGO PIN连接器
料号(Part No): HY91-00149-001



货号(Product name): 15PIN POGO PIN连接器



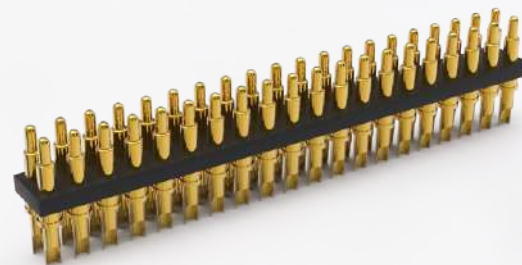
货号(Product name): YX20PIN POGO PIN连接器



货号(Product name): 22PIN POGO PIN连接器
料号(Part No): TE91-22122-001



货号(Product name): 40PIN POGO PIN连接器

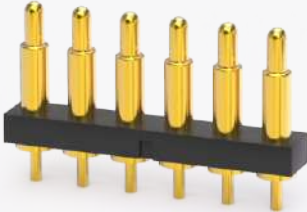


单排

货号(Product name): SMT式AD6PIN
料号(Part No): HY91.AD006-007



货号(Product name): DIP式AD6PIN
料号(Part No): HY91.AD006-012



货号(Product name): 焊线式AD6PIN
料号(Part No): HY91.AD006-014



双排

货号(Product name): DIP式AD6PIN
料号(Part No): HY91.AD006-022



货号(Product name): SMT式AD6PIN
料号(Part No): HY91.AD006-017

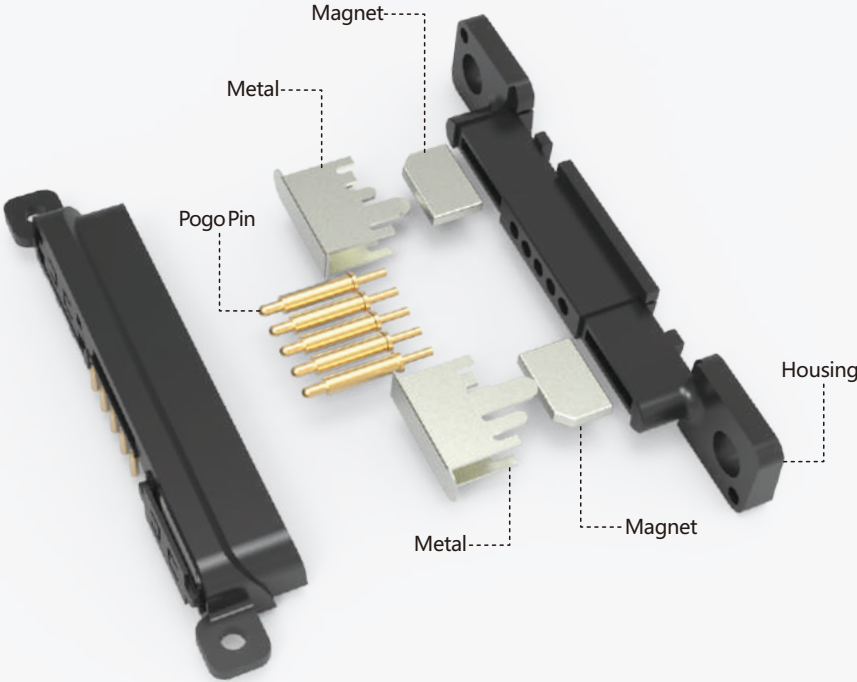


货号(Product name): 焊线式AD6PIN
料号(Part No): HY91.AD006-024

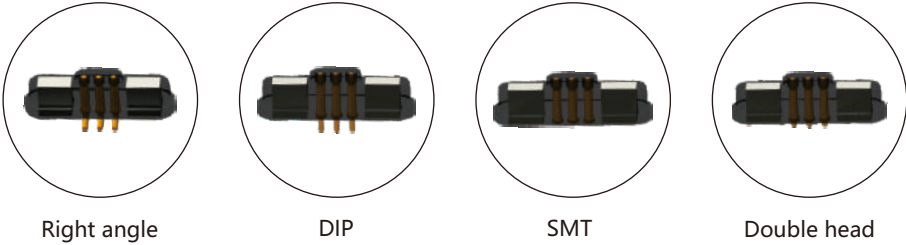


磁吸连接器产品参数/Magnetic connector product parameters

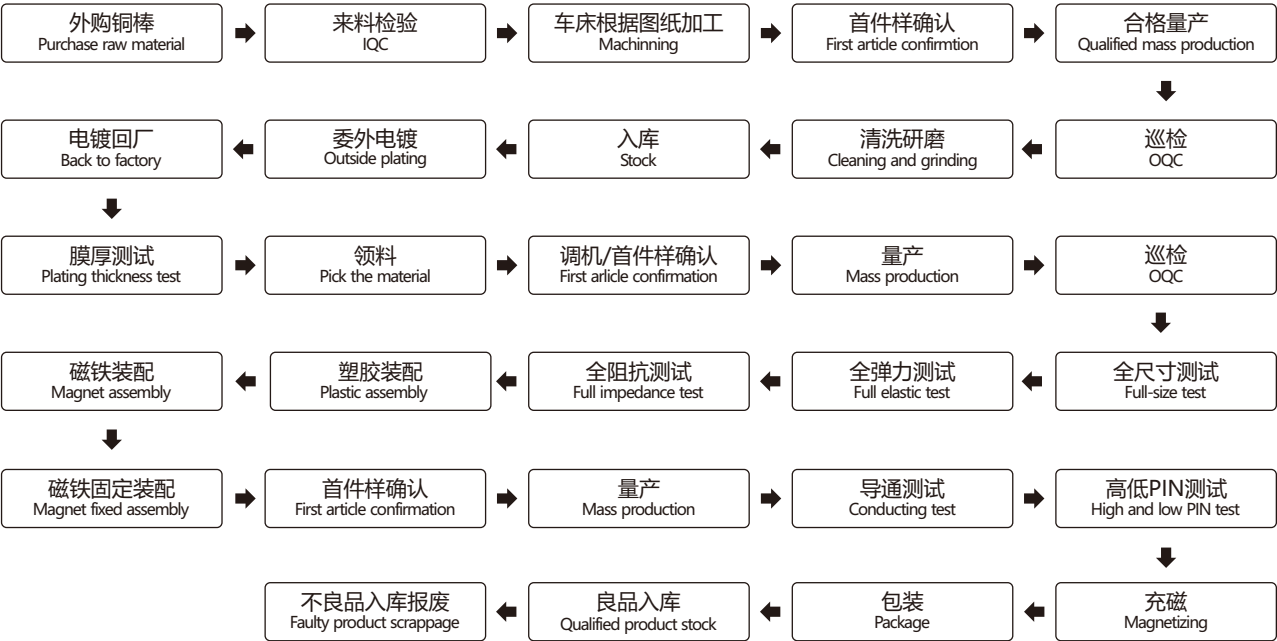
- » 1.0 PLATING:
1)Contact plating:brass Au3u"-Au50u"over 50-80u" Ni
2)Contact solder area plating: brass Au3u"-Au50u" over 50-80u" Ni
3)Spring: SUS
4)Housing: LCP
5)magnet:Al-Fe-B N52
- » 2.0 Rated voltage(Per Contact): 5-64 Volts
» 3.0 Rated Current(Per Contact): 60A maximum
» 4.0 Insulation Resistance: 100MEGA OHMS Minimum
- » 5.0 Dielectric Withstanding Voltage: 100VRMS at 60HZ
» 6.0 Contact Resistance: 100mΩ maximum at pogo pin working stroke
» 7.0 Recommended Working Stroke&Force:
1)Stroke 1.0mm(Per Contact):55gf±15gf
2)Stroke 1.5mm(Per Contact):85gf±15gf
- » 8.0 Mechanical life:
1)0.8mm(Mechanical life):10000 cycles Min
» 9.0 Working Temperature Range: -30~85°



磁吸连接器四大类型/Magnetic connector four types

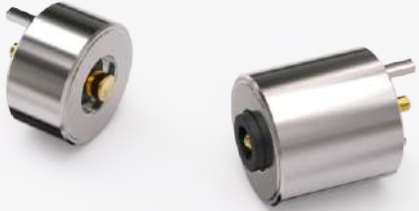


磁吸连接器生产工艺流程图/Magnetic connector production process flow chart



圆形水杯系列

圆形5.5mm



圆形6.0mm



圆形7.4mm



圆形10.0mm



货号(Product name): YSH2PIN磁吸连接器



货号(Product name): 圆形2PIN磁吸连接器



货号(Product name): JD2PIN 磁吸连接器



货号(Product name): MH3PIN 磁吸连接器



货号(Product name): LX4PIN磁吸连接器
料号(Part No): HY91-00166-001



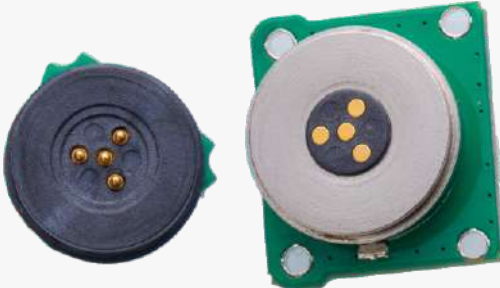
货号(Product name): ZHLC4PIN磁吸连接器
料号(Part No): HY91-00180-001



货号(Product name): TM1002 4PIN磁吸连接器



货号(Product name): STW4PIN磁吸连接器



货号(Product name): STW5PIN 磁吸连接器



货号(Product name): XD5PIN 磁吸连接器



货号(Product name): LJL5PIN 磁吸连接器



货号(Product name): 5PIN 磁吸连接器



货号(Product name): 5PIN 磁吸连接器



货号(Product name): TM6PIN 磁吸连接器



货号(Product name): ZM6PIN 磁吸连接器
料号(Part No): HY91-00134-001



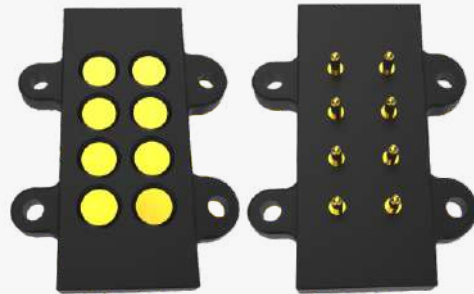
货号(Product name): SS7PIN 磁吸连接器
料号(Part No): HY91-00196-001



货号(Product name): TK7PIN 磁吸连接器



货号(Product name): AY8PIN磁吸连接器



货号(Product name): JD14PIN磁吸连接器
料号(Part No): TE91-14106-002



货号(Product name): TYZC14PIN磁吸连接器



货号(Product name): TK17PIN磁吸连接器



货号(Product name): PG18PIN磁吸连接器



货号(Product name): TK21PIN 磁吸连接器



货号(Product name): TK31PIN磁吸连接器



防水磁吸连接器/waterproof magnetic connector

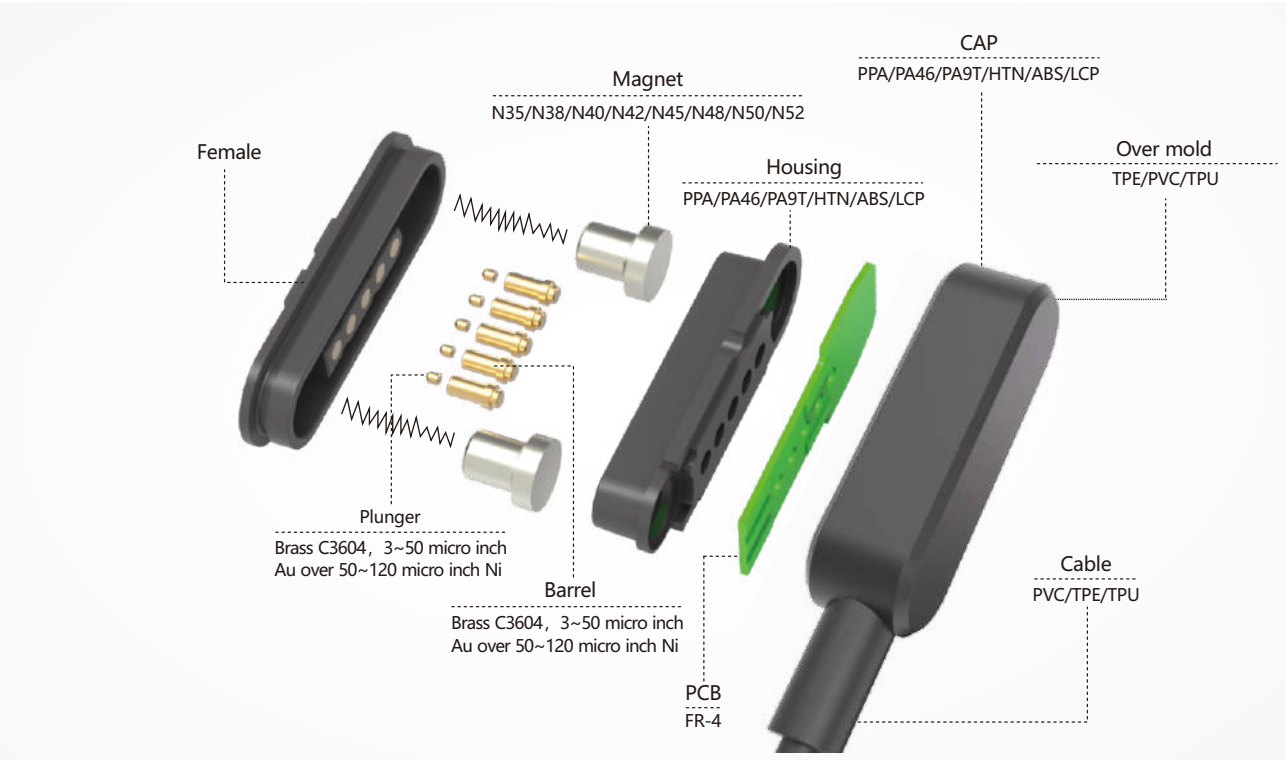


防水磁吸数据线/waterproof magnetic cable



磁吸数据线产品参数/Magnetic data line product parameters

- » 1.0 PLATING:
1)Contact plating:brass Au3u"-Au50u"over 50-80u" Ni
2)Contact solder area plating:brass Au3u"-Au50u" over50-80u" Ni
3)Spring: SUS
4)Housing:LCP
4)magnet:Al-Fe-B N52
5)线材: 根据客户要求而定
6)USB-A公: 洋白铜、马口铁、不锈钢
- » 2.0 Rated voltage(Per Contact): 5-64Volts
- » 3.0 Rated Current(Per Contact): 60A maximum
- » 4.0 Insulation Resistance: 100MEGA OHMS Minimum
- » 5.0 Dielectric Withstanding Voltage: 100VRMS at 60HZ
- » 6.0 Contact Resistance: 100mΩ maximum at pogo pin working stroke
- » 7.0 Recommended Working Stroke&Force:
1)Stroke 1.0mm(Per Contact):55gf±15gf
2)Stroke 1.5mm(Per Contact):85gf±15gf
- » 8.0 Mechanical life:
1)0.8mm(Mechanical life):10000 cycles Min
- » 9.0 Working Temperature Range: -30~85°



磁吸数据线规范标准/Magnetic data line specification standard

- 一、USB 定义：通用串列汇流排·或通用串行总线。
- 二、起源：最初由Intel 公司发起。
- 三、主要定名成员：Intel ,Compaq ,微软· NEC, Philips, Lucent.
- 四、版本历史：

NO	Revision	Issue Date
1	0.7	1994
2	0.8	1994
3	0.9	1995
4	0.99	1995
5	1.0	1996
7	1.1	1998
8	2.0	2000

- 五、规范结构图：
- 六、公司目前常用结构图：白/ 红/ 绿/ 黑/ 地线
- 七、物理结构阐述：
1. 芯押
白绿 28AWG HDPE (High Density Polyethylene 高密度聚乙烯)
0.31mm(绝缘厚度) 0.381mm 标准导体外径
红黑 28-20AWG PP 0.25mm #28 #26 #24 #22 #20;
标准外被外径：

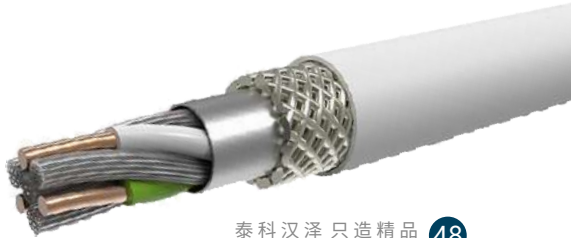
规格	28/28	28/26	28/24	28/22	28/20
标准外径	2.6	2.6	2.8	3.5	3.8

2. 通常规格(五种), 导体材质, 镀锡软铜线(AWG :American Wire Gauge美国导线规格)

28AWG*1P	28AWG*2C	7*36	19*40
28AWG*1P	26AWG*2C	7*34	19*38
28AWG*1P	24AWG*2C	7*32	19*36
28AWG*1P	22AWG*2C	7*30	19*34
28AWG*1P	20AWG*2C	7*28	19*32

3. 芯线绝缘材质
白绿 HDPE(聚乙烯), PP(HNS) 红黑 PP
#3366 #3040 #3364
厚度: 0.31mm 0.17mm 0.25mm
4. 集合
a.绞距 60-80mm
b. Aluminum Mylar(铝薄膜)重叠率：25%以上
c.地线7/0.127 镀锡软铜线
d. Low-speed 不作要求
5. 编织
(1) 遮蔽率：65%以上
(2) 镀锡软铜线
6. 外被
A:厚度：0.64mm
B.印字. Full/high
USB shielded (屏蔽)(Gauge/1P+Gauge/2C) UL CM 75°C -UL Vendor ID
C. Low-speed 不作要求
D.外被外径：

#28/28	2.6mm
#28/26	2.6mm
#28/24	2.8mm
#28/22	3.5mm
#28/20	3.8mm



八、电气持性

传输速率	项目	USB1.1	USB2.0
	FULL/HIGH	12Mbps	60Mbps
绝缘阻抗	LOW	1.5Mbps	1.5Mbps
	特性阻抗	90+-13.5Ω	90+-13.5Ω
共模阻抗	规范	1000MΩ/KM↑	1000MΩ/KM↑
	HNS	100MΩ/KM↑	100MΩ/KM↑
耐电压	没做要求	30+-9Ω	
	规范	A.C 0.5KV/MIN	A.C 0.5KV/MIN
电阻不平衡	HNS	D.C 0.5KV/MIN	D.C 0.5KV/MIN
	5%↓	没做要求	
导体电阻	28AWG	26AWG	24AWG
	232Ω/KM↓	146Ω/KM↓	90.9Ω/KM↓
	22AWG	20AWG	
	57.4Ω/KM↓	35.8Ω/KM↓	

1MΩ=106Ω 1GΩ=109Ω 1PS=10-12S 1ns=10-9s
1μS=10-6S 1英尺=12英寸 1英寸=25.4MM

项目	USB1.1	USB2.0
Delay延迟	Low 18ns↓	5.2ns↓
Full/high	26ns↓	26ns↓
SKEW	400ps↓	100ps↓

频率MHZ	衰减max
0.064	0.08
0.256	0.11
0.512	0.13
0.772	0.15
1	0.2
4	0.39
8	0.57
12	0.67
24	0.95

48	1.35
96	1.9
200	3.2
400	5.8

九、USB 使用长度规范，理论上讲可达5m，HNS 目前状况 以普通材料为例

线规 (AWG)	28	26	24
最大长度 (m)	3	4	5

十、USB 特殊要求外径

线规 (AWG)	28	26	24
外径MM	2.8/3.0	4.5/5.0	5.0/5.2

十一、常见芯线外径：

AWG	材质	USB1.1	USB2.0
32	HDPE	0.45	0.45
	SR-PVC	0.45	0.45
30	HPPE	055/0.66	0.55/0.66
	SR-PVC	0.6	0.6
28	HPPE	0.9-0.65 1.0(19/0.08)	0.9-0.65 1.0(19/0.08)
	SR-PVC	0.9	0.9
26	HPPE	1.2/对称1.0	1.2
	SR-PVC	1.2	1.2
24	HPPE	1.45/对称1.2	1.45
	SR-PVC	1.45	1.45

十二、USB 传播速度(全速)

USB1.1	USB2.0
12Mbps	480Mbps(最高) 低速: 1.5Mbps

十三、USB 应用环境

a. 电脑周边环境 b. 游戏系统

磁吸数据线生产工艺流程图/Magnetic data line production process flow chart



磁吸数据线出线方式/Magnetic data line outlet mode



侧出方式
Side exit mode



90°出线方式
90° outlet mode



180°出线方式
180° outlet mode

磁吸数据线应用范围及案例展示/Magnetic Data cable: Application and show case

货号(Product name): ZL5PIN磁吸线
料号(Part No): HY91-00201-001
尺寸(size): 25.50*9.50*7.30



USB接口/interface



车载接口/Vehicle interface



DC接口/interface



货号(Product name): YSH2PIN磁吸线
料号(Part No): HY91-00337-001
尺寸(size): $\Phi 11.4 * \Phi 11.4 * 7.20$



3D眼镜/3D glasses



充电钱包/Charging wallet



智能水杯/Smart water cup



智能水杯
磁吸充电线

货号(Product name): BEAD5PIN磁吸线
料号(Part No): HY91-00194-001
尺寸(size): 18.87*6.37*13.76



笔记本/notebook



移动设备/Mobile devices



对讲机/Walkie talkie



货号(Product name): DM5PIN磁吸线
料号(Part No): TE91-00348-001
尺寸: 38.0*Φ17.8*8.42
客户订制产品图片仅供参考
Customized product image is for reference only



智能投影笔
磁吸充电线



货号(Product name): JD1PIN磁吸线
料号(Part No): TE91-01136-001
尺寸(size): Φ14.6*Φ14.6*24.5



医疗器械/medical instruments

军用手电筒/Military flashlight

军用手电筒
大电流充电
Military flashlight
High current charging



圆形2PIN磁吸线产品介绍/Coaxial magnetic connector specification



产品名称: 6.0mm直出
Product Name: 6.0mm straight out
出线方式: 180°
Outlet method: Straight type
电流: 1.5A(最大)
Current: 1.5A (maximum)
电压: 5V-12V(最大)
Voltage: 5V-12V (maximum)
线长: 1m(可定制)
Line length: 1m (can be customized)



产品名称: 6.0mm侧出
Product Name: 6.0mm side out
出线方式: 90°
Outlet method: Angle type
电流: 1.5A(最大)
Current: 1.5A (maximum)
电压: 5V-12V(最大)
Voltage: 5V-12V (maximum)
线长: 1m(可定制)
Line length: 1m (can be customized)



产品名称: 7.4mm直出
Product Name: 7.4mm straight out
出线方式: 180°
Outlet method: Straight type
电流: 2A(最大)
Current: 2A (maximum)
电压: 5V-12V(最大)
Voltage: 5V-12V (maximum)
线长: 1m(可定制)
Line length: 1m (can be customized)



产品名称: 7.4mm侧出
Product Name: 7.4mm side out
出线方式: 90°
Outlet method: Angle type
电流: 2A(最大)
Current: 2A (maximum)
电压: 5V-12V(最大)
Voltage: 5V-12V (maximum)
线长: 1m(可定制)
Line length: 1m (can be customized)



产品名称: 10.0mm直出
Product Name: 10.0mm straight out
出线方式: 180°
Outlet method: Straight type
电流: 3A(最大)
Current: 3A (maximum)
电压: 5V-36V(最大)
Voltage: 5V-36V (maximum)
线长: 1m(可定制)
Line length: 1m (can be customized)



产品名称: 10.0mm侧出
Product Name: 10.0mm side out
出线方式: 90°
Outlet method: Angle type
电流: 3A(最大)
Current: 3A (maximum)
电压: 5V-36V(最大)
Voltage: 5V-36V (maximum)
线长: 1m(可定制)
Line length: 1m (can be customized)

货号(Product name): YSH2PIN磁吸线
尺寸(size): 11*11*6.9



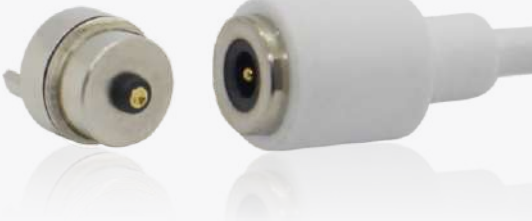
货号(Product name): DL2PIN磁吸线



货号(Product name): 6mm圆形2PIN-侧出



货号(Product name): 6mm圆形2PIN-直出



货号(Product name): 10mm圆形2PIN-直出



货号(Product name): CQ2PIN磁吸线



货号(Product name): SL2PIN磁吸线
尺寸(size): 18.5*5.8*5.8



货号(Product name): XRM2PIN磁吸线
尺寸(size): 20*7*5



货号(Product name): TK2PIN磁吸线
尺寸(size): 22.9*7.9*11.3



货号(Product name): JR3PIN磁吸线
尺寸(size): 18.5*5.8*5.8



货号(Product name): CF4PIN磁吸线
尺寸(size): 21*6.6*6.5



货号(Product name): ZHLC4PIN磁吸线
尺寸(size): 25*10*6.3



货号(Product name): AD3PIN磁吸线
客户订制产品图片仅供参考
Customized product image is for reference only



货号(Product name): XKP3PIN磁吸线
尺寸(size): 22.9*7.9*11.3



货号(Product name): HT4PIN磁吸线



货号(Product name): AD4PIN-3磁吸线
客户订制产品图片仅供参考
Customized product image is for reference only



货号(Product name): BEAD5PIN磁吸线
尺寸(size): 18.7*12.7*4.3



货号(Product name): ZJ5PIN磁吸线
尺寸(size): 15.4*18.4*5.9



货号(Product name): HT5PIN磁吸线



货号(Product name): OMC1 5PIN磁吸线



货号(Product name): AW5PIN磁吸线
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Customized product image is for reference only



货号(Product name): DJ5PIN磁吸线
客户订制产品图片仅供参考
Customized product image is for reference only



货号(Product name): CF6PIN磁吸线



货号(Product name): AD6PIN磁吸线
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货号(Product name): TK7PIN磁吸线



货号(Product name): TY8PIN磁吸线



货号(Product name): TYZC14PIN磁吸线



货号(Product name): TK21PIN磁吸线



智能服饰磁吸充电解决方案

泰科汉泽致力于发热腰带、发热马甲、护颈、护膝、护眼、护臂等智能服饰类产品提供磁吸充电解决方案。

Pomagtor has been dedicated to provide magnetic charging solution for smart wear products including: heating coat, heating waistband; heating vest; neck,knee,eye,arm heating belt.



智能服饰磁吸充电/Smart Clothing : Total solution of magnetic cable and power bank



磁吸充电线
magnetic charging cable

电压(Voltage): 5V-12V
电流(Current): 2A
标配(Standard): 1m-USB接口/interface
备注(Remarks): 磁吸头背部可定制LOGO/Logo can be customized on the back of connector head



磁吸三档控制器充电线
3 levels switch with ON/OFF magnetic charging cable

电压(Voltage): 5V-12V
电流(Current): 2A
标配(Standard): 1.2m-USB接口/interface
三档说明(Third gear description): 1档: 温度100%2档: 温度75%, 3档: 温度50%(1st gear: temperature 100% 2 gear: temperature 75%, 3 gear: temperature 50%)



Micro头三档控制器充电线
3 levels switch with ON/OFFmagnetic charging cable and MicroUSB on the end

电压(Voltage): 5V-12V
电流(Current): 2A
标配(Standard): 1.2m-micro USB接口/interface
三档说明(Third gear description): 1档: 温度100%2档: 温度75%, 3档: 温度50%(1st gear: temperature 100% 2 gear: temperature 75%, 3 gear: temperature 50%)



磁吸移动电源
Power bank with bulit-inmagnetic connector

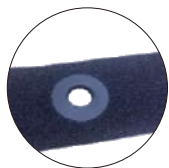
容量(capacity): 4000mAh-5000mAh
特点(Characteristics): 1.带磁吸头接口, 可直接吸附与腰带等产品直接供电2.开关按钮可调节三个不同温度档位(1. With magnetic head interface, can be directlyDirectly powered by adsorption and belts, etc. 2. Switch button adjustableThree different temperature gears)

磁吸母座与布料安装工艺流程/Procedure of assemble magnetic connector with fabric



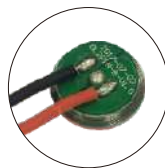
1.开孔
Opening

首先将布料开一个直径9mm的孔
cut a hole of 9mm fabric/textile



2.烫压
Hot pressing

开好孔的布料, 用热压机将热熔胶圈烫压至布料上
Place a thermal ring on top and bottom then go through ironing machine to boud together Thermal ring is to give strength to support and protect on fabric



3.焊接发热片
Soldering fin

将发热片焊接至磁吸母座PCB上
Solder wire-connector cable on PCB before molding back cap



4.注塑母座 (防水处理)
Injection molding seat (waterproof treatment)

将焊好的母座PCB端, 放置注塑机注塑, 以达到防水效果
Place connector on mold(Injection mold)to achieve waterproof standard



5.铆合
Riveting

将母座上部 and 下部放至铆压机上, 铆合起来
using punching machine to join together

智能服饰磁吸充电解决方案/Smart clothing magnetic charging solution

更安全/Safety

置入式连接/智能限流断电保护
Place-in connection / intelligent current limiting power-off protection

更时尚/Fashionable

改变传统插拔充电线的方式
Change the way traditional plug and unplug the charging cable

更美观/Elegant

外表采用黄铜镀金的材质, 多重工艺打造一款精美的产品
The exterior is made of brass gold plated material, and the multi-process creates a beautiful product.

更高效/Efficient

无需车缝, 采用独特的铆压安装方式, 牢固性强, 工序简单
No need for sewing, unique riveting and mounting method, strong firmness and simple process



颠覆传统充电方式/让充电更加方便

360°旋转不断电

360° rotation and continuous power

公母座对吸可360°旋转, 接触良好
The male and female do the 360° rotation of the suction, and the contact is good.

随意盲插精准对位

Random blind insertion precision alignment

只需要轻轻一放, 即可精准吸附
Just need to gently put it, you can accurately absorb

防水性能好

Good waterproof performance

连续72小时放置洗衣机测试, 晾干后性能完好无损
Put the washing machine test for 72 hours, dry Performance is good after drying

空间小/薄

Small/thin space

外表细小精美, 不占空间母座厚度最薄6mm左右
The appearance is small and exquisite, does not occupy the space of the seatThe thinnest 6mm



线控/Wire control

输入端/Input



控制盒/control box

电压(Voltage): 3.7-24v
电流 (Electric current) : 0.5-2A
寿命 (life) : 最小10000次
Minimum 10000 times

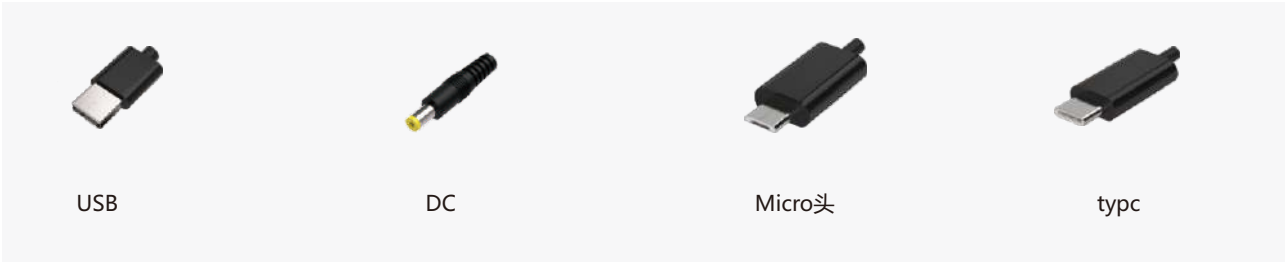
特点 (Features) : 短路保护
Short circuit protection
限流
Limiting
定时功能
Timing function

温控 (Temperature control):
一档:100%输出
100% output
二档:75%输出
75% output in second gear
三档:50%输出
Third gear 50% output



Second generation third gear switch Three-generation three-speed switch Five-generation three-speed switch Sixth generation third gear switch

输出端/Output



电池/battery



输入(Input) : 5V 600mA
输出 (Output) : 5V 1500mA
电池容量 (battery capacity) : 750mAh/3.V/2.775Wh
寿命 (life): 充电放电300次, 且容量保持在初始容量的80%以上 Charge and discharge 300 times, and the capacity remains above 80% of the initial capacity
充电时间(Charging time): 80min
充电保护(Charge protection):输入电压超过6.5V自动断电保护 Automatic power-off protection when input voltage exceeds 6.5V
输出控制(Output control):开机300秒后调整输出功率为70% Adjust the output power to 70% after booting for 300 seconds
特点(Features):充电保护, 三挡温度控制 Charge protection, three-block temperature control

5000mA（大电池，可支持定制）



本公司产品均在国内外申请发明专利,部分产品申请外观专利

All products have been published or are pending patents for inland and overseas. Part of products have been applied appearance patents.

更多新产品(三档开关,小电源)，正在开发中

More new products are under development-3 levels switch,mini power bank with high capacity

如需技术支持，可随时联系我司研发总监，魏先生：186-8883-8733 E-mail: botian168@126.com

For technical support, please feel free to contact our R&D Director, Mr. Wei: 186-8883-8733 E-mail: botian168@126.com