



东莞市亨斯五金电子有限公司
HONG KONG BOSI Electronic CO., Ltd.

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Zhengqiangda Science Park, 172 Jingfuxi Road, Yangkengtang Village, Dalang Town, Dongguan City

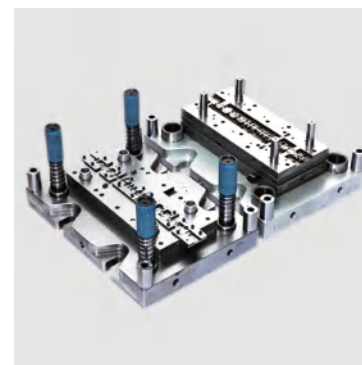
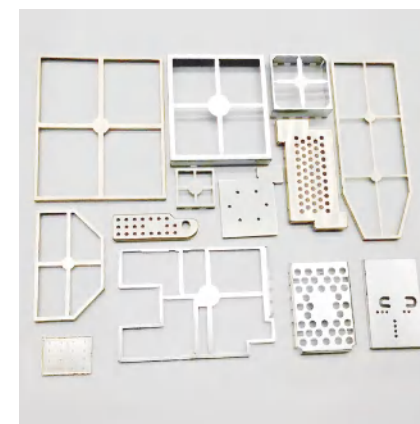
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<http://www.bosiwj.com> <https://www.dgbosi.com> <https://dgbosi.en.alibaba.com>

amy@dgbosi.com



东莞市亨斯五金电子有限公司
HONG KONG BOSI Electronic CO., Ltd.



// 20 年以上行业经验 解决行业痛点难点
More than 20 years industry experience, solve industry pain difficulties

// 引进德国 CNC 微型打样技术
Introduction of German CNC Micro-proofing Technology

// 快速打样省开模
Quick proofing without opening mould

BOSI

中国·东莞·香港

东莞市BOSI(李斯)五金电子有限公司是一家提供全球五金模具制造、精密五金非标件订制企业。主营产品包括智能屏蔽罩、智能连接器、精密五金弹片和精密金属支架的非标订制，精密冲压模具设计制造等。产品及服务广泛应用于消费电子、汽车电子医疗电子、通信行业、仪器仪表、计算机和航空航天设备等领域。产品远销欧美国、欧盟、韩国、日本、台湾和东南亚等国家和地区。

国内国外20年以上的成长路上，李斯秉承“速度与激情，品质为先”的经营理念，洞察行业客户的需求变化，我们逐步意识到了非标订制行业的痛点和高需求:开发期交付的时效性和首样品的精密度及高昂的费用。为了满足这一要求，BOSI(李斯)公司从德国引进了最先进的微型可控精密折弯机，全电脑控制100多个程序和阶梯式工具组，在绝对精度和重复精度上，实现任何复杂折边结构一次成型，样品零件从1到5000无故障重现，使制造周期从几周和几天减少到几小时和几分钟，能够更准确的减少原材料的使用，更高效快速精确的完成打样，实现了模具费和原材料费的节约，12小时交期大提速。微型折弯机可处理材料厚度在0.04到1.0毫米之间，最大折弯宽度为150毫米，最小折弯宽度为2.0毫米，精度可达0.01毫米和角度达0.1°。不仅能大大满足各类端子、屏蔽罩五金弹片和金属支架等精密冲压件件的快速打样的时效性，更能保证产品的精度和外观质量要求。

BOSI公司自主研发CRM在线计价和下单平台已上线，可陆续实现屏蔽罩、电池片、五金弹片、五金支架等样品计价、自助下单、上传文件、在线支付、生产进度查询、快递追踪、打印表单、售后咨询等一系列便捷功能。借助网站，不用一个电话，足不出户就能让手中的设计稿变成您需要的产品!BOSI(李斯)在您的培养下不断成长，为适合市场高速发展我们从未停过脚步，也不敢停留。速度、激情、品质是BOSI(李斯)人一直追求的目标，我们真诚地期待与您的合作。

Dongguan BOSI Hardware Electronics Co., Ltd is a global enterprise that provides global hardware mold manufacturing, precision hardware non-standard parts customization. Our main products include non-standard customization of intelligent shielding covers, intelligent connectors, precision hardware shrapnel and precision metal brackets, as well as the design and manufacturing of precision stamping molds. Products and services are widely used in fields such as consumer electronics, automotive electronics, medical electronics, communication industry, instrumentation, computers, and aerospace equipment. The products are exported to countries and regions such as Europe, the United States, the European Union, South Korea, Japan, Taiwan, and Southeast Asia.

More than 20 years of growth both domestically and internationally, BOSI adheres to the business philosophy of "speed and passion, quality first", and has insight into the changing needs of industry customers. We have gradually realized the pain points and high demands of the non-standard customization industry the timeliness of development delivery, the precision of the first sample, and the high cost. In order to meet this requirement, BOSI Company has introduced the most advanced micro controllable precision bending machine from Germany, which controls more than 100 programs and stepped tool sets with full computer control. With absolute and repeated accuracy, it can achieve the one-time forming of any complex folding structure, with sample parts reproducing from 1 to 5000 without faults, reducing the manufacturing cycle from weeks and days to hours and minutes, and more accurately reducing the use of raw materials. More efficient, fast, and accurate completion of sampling has achieved savings in mold and raw material costs, and a 12 hour delivery time has been greatly accelerated. The micro bending machine can handle material thicknesses ranging from 0.04 to 1.0 millimeters, with a maximum bending width of 150 millimeters and a minimum bending width of 2.0 millimeters, with an accuracy of 0.01 millimeters and an angle of 0.1 °. Not only can it greatly meet the timeliness of rapid sampling for precision stamping parts such as various terminals, shield metal shrouds, and metal brackets, but it can also ensure the accuracy and appearance quality requirements of the product.

BOSI Company's independently developed CRM online pricing and ordering platform has been launched, which can gradually achieve a series of convenient functions such as sample pricing for shielding covers, battery cells, hardware shrapnel, hardware brackets, self-service ordering, uploading files, online payment, production progress query, express tracking, printing forms, after-sales consultation etc. With the help of a website, you can turn your design manuscript into the product you need without leaving your home with just one phone call! BOSI continues to grow under your cultivation, and we have never stopped to adapt to the rapid development of the market, nor dare we stop. Speed, passion, and quality have always been the goals pursued by BOSI people, and we sincerely look forward to working with you.

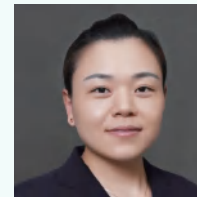
速度与激情，品质为先



董事长 | 李斯创始人
Chairman & BOSI Founder

20多年企业管理经验，开创精密五金非标件在线计价和快速打样之先河。秉承“速度与激情，品质为先”的经营理念为全球信息电子行业的创新提供优质服务。

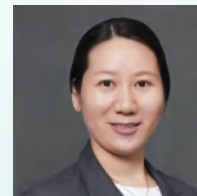
More than 20 years working experience in enterprise management, pioneering the online valuation and rapid proofing of precision hardware non-standard parts, adhering to the business philosophy of "speed and passion, quality first" to provide high-quality services for innovation in the global information and electronic industry.



总经理 | CEO
General & Manager CEO

武汉大学人力资源管理学士学位，华南理工大学管理类硕士学位，“优秀党务工作者”，“两化融合管理体系咨询师”，IATF16949内审员，“英语六级和商务英语中级”，10多年体系管理咨询经验，秉承诚信、共赢的服务理念服务广大客户。

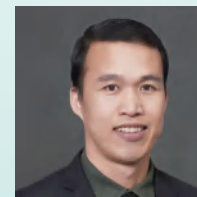
Bachelor's Degree in Human Resources Management, Wuhan University of Science and Technology, and Master's Degree in Management, South China University of Technology "Excellent Party Workers", Consultant of Integrated Management System of "Two Industries", "IATF16949 Internal Auditor, CET-6 and Business English Intermediate, more than 10 years experience in system management consulting. Adhering to the concept of honesty and win-win service to serve our customers.



国外业务经理
Foreign Business Manager

在BOSI任职8年以上，商务英语学士学位，精通多国语言和国际贸易流程，服务行业有计算机设备、通讯产品、消费电子产品、汽车医疗电子产品、仪器仪表和航空航天设备等，服务地域欧美、欧盟、韩国、日本、台湾和东南亚等，获“金牌业务员”、“优秀业务经理”、“最佳客户服务代表”等荣誉。

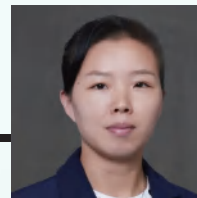
More than 8 years working experience in BOSI, Bachelor's Degree in Business English, Proficient in Multilingualism and International Trade Processes, service industries include computer equipment, communications products, consumer electronics products, automotive medicine Electronic products, instruments and aerospace equipment, etc., serving Europe, America, EU and Korea China, Japan, Taiwan and Southeast Asia have won "Gold Medal Salesman" and "Excellent Business Manager". "Best Customer Service Representative" and other honors.



工程经理 | 高级工程师
Engineering Manager & Senior Engineer

ISO9001、ISO14000和IATF16949内审员，曾服务于富士康集团、爱仕达电路、中威集团、合正汽车电子等，精通新产品工艺与成本分析，精通五金模具设计与组立，精通模具制造全流程QC/QC管控。

Internal Auditors ISO9001, ISO14000 and IATF16949, who have served Foxconn Group and Jin Shida Electric Appliances, Zhongwei Group, Hezheng Automotive Electronics, etc. are proficient in new product process and cost analysis. Proficient in hardware die design and assembly, proficient in QC/QC control of the whole process of the manufacturing.



副总经理 | 国内业务经理
Deputy General & Domestic Business Manager

在BOSI任职8年以上，商务英语学士学位，精通多国语言和国际贸易流程，服务行业有计算机设备、通讯产品、消费电子产品、汽车医疗电子产品、仪器仪表和航空航天设备等，服务地域欧美、欧盟、韩国、日本、台湾和东南亚等，获“金牌业务员”、“优秀业务经理”、“最佳客户服务代表”等荣誉。

More than 8 years working experience in BOSI, Bachelor's Degree in Business English, proficient in multilingual and international trade processes, computer equipment, communications products, consumer electronics products, automobile medical services Electronic products, instruments and aerospace equipment, etc. serve Europe, America, EU, Korea, etc. Japan, Taiwan and Southeast Asia have won "Gold Medal Salesman" and "Excellent Business Manager", "Best Customer Service Representative" and other honors.



品质主管
Quality Supervisor

六西格玛黑带，ISO9001、ISO14000、IATF16949审核员，量具内校员，安全资格证，10多年五金电子行业质量管理和管理体系建设与实施，精通五金产品材料性能及品质检验规范，精通品管七大手法和全员质量管理。

Six Sigma Black Belt, ISO9001, ISO14000, IATF16949 auditors, calibrators, Qualification Certificate, Safety Personnel Certificate, Establishment of Quality Control and Management System for Hardware and Electronics Industry in the Past 10 Years Implementation, proficiency in hardware product material performance and quality inspection standards, proficiency in quality control seven techniques and Total staff quality management.

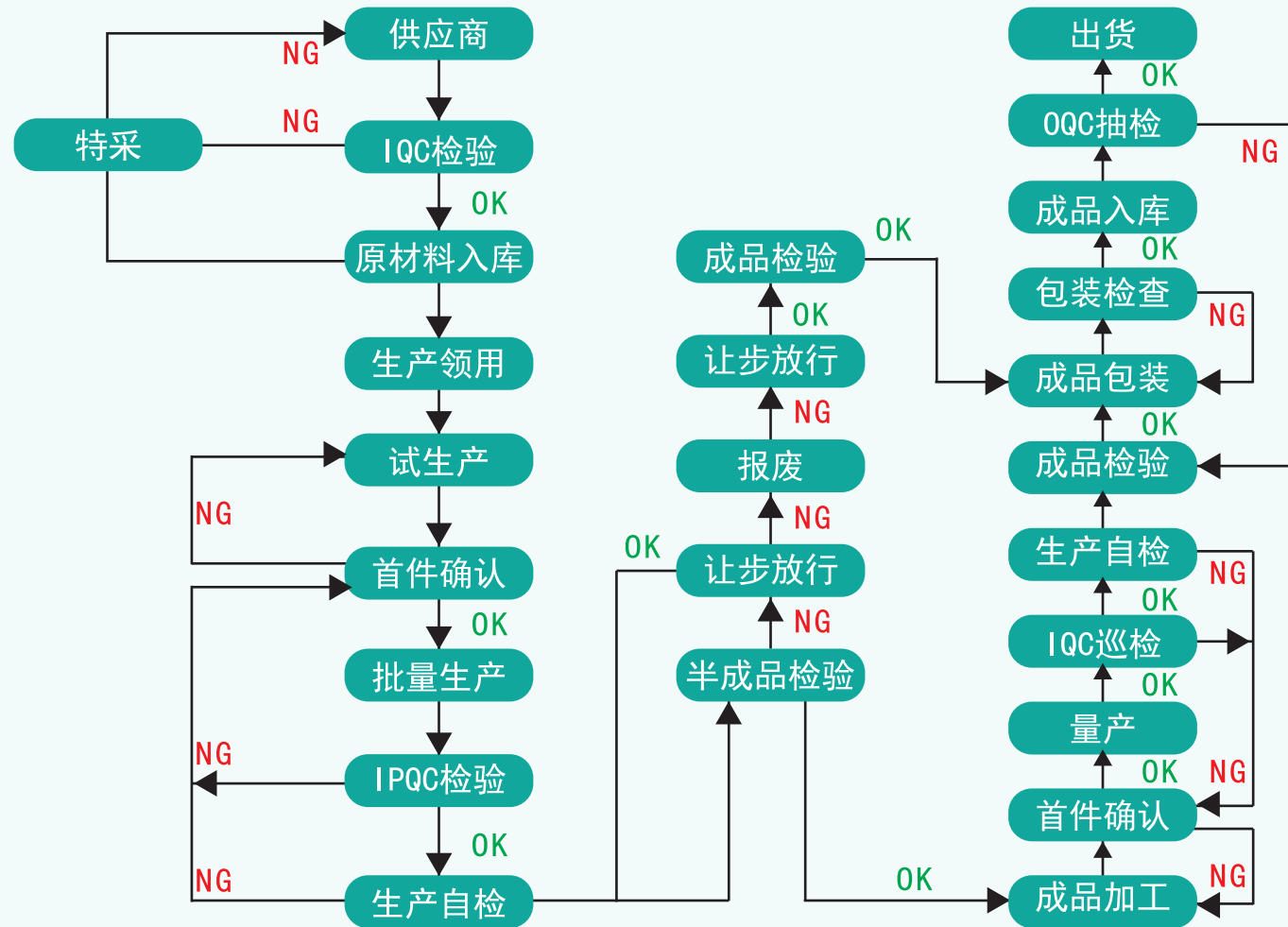


车间主管
Workshop Supervisor

在BOSI任职15年，ISO9001、ISO14000、IATF16949内审员，精通模具制造与精益生产管理，以扎实、细心的工作态度赢得公司和客户的肯定，曾获“优秀员工”、“优秀管理员工”、“最有创意员工”等荣誉。

More than 15 years working experience in BOSI. Internal auditor of ISO9001, ISO14000 and IATF16949, he is proficient in tooling manufacturing and production down-to-earth and careful working attitude won recognition from the company and customers, and he has been awarded "Excellent Employee, Excellent Management Employee, Most Creative Employee" and other honors.

品质监控 Quality Control



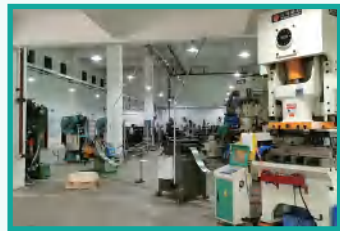
设备展示 Equipment Display



1.德国打样机



2.精密磨床



3.高速冲床



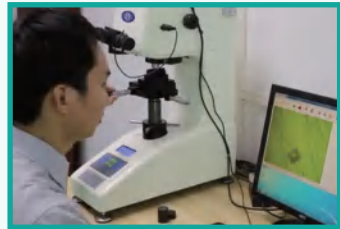
4.日本DOBBY



5.CNC钻孔机



6.台湾立叶



7.维氏硬度仪

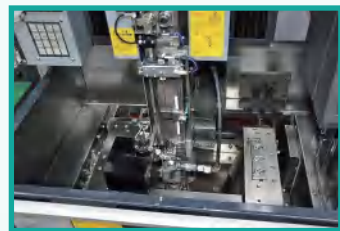


8.二次元

工艺流程 Process Flow



1.图纸设计



2.线割加工



3.精密研磨



4.模具零件



5.模具组装



6.模具调试



7.高速冲压



8.热处理



9.表面处理



10.出厂检验



11.定制封装



12.极速发货



IATF16949:2016



ISO9001:2015



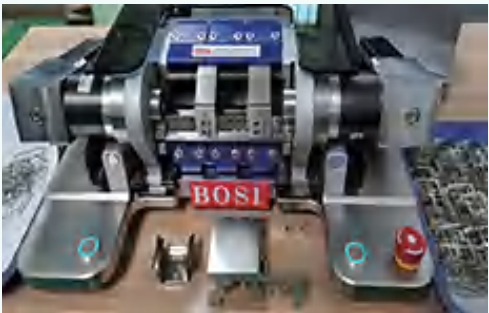
ROHS



REACH

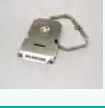
打样优势

Sampling Advantage



东莞李斯（BOSI）在精密五金非标件订制行业里又一里程碑，首样订制省开模、速度快、产品精度0.01MM。CNC微型打样机，全电脑控制100多个程序和阶梯式工具组，在绝对精度和重复精度上，实现任何复杂折边结构快速成型，和模具成本的大节约。

样品零件从1到5000无故障重现，使制造周期从几周和几天减少到几小时和几分钟。微型折弯机可处理材料厚度在0.04到1.0毫米之间，最大折弯宽度为150毫米，最小折弯宽度为2.0毫米，精度可达0.01毫米和角度达0.1度。不仅能大大满足接线端子、屏蔽罩、金属支架和五金弹片等精密件快速出样的时效性，更能保证产品的精度和外观质量要求。

产品类型 Product type	案例比较 Case comparison	出样速度 Sampling Speed		首样成本 First Cost		重复精度 Repetitive accuracy	
		传统打样工艺 Traditional Proofing Technology	BOSI打样工艺 BOSI Proofing Technology	传统打样工艺 Traditional Proofing Technology	BOSI打样工艺 BOSI Proofing Technology	传统打样工艺 Traditional Proofing Technology	BOSI打样工艺 BOSI Proofing Technology
屏蔽罩 Shielding cover		15天	1天	治具	免开模	0.5mm	0.02mm
连接器 Connector		15天	3天	需开模	免开模	0.3mm	0.02mm
五金弹片 Metal Shrapnel		15天	1天	治具	免开模	0.5mm	0.01mm
金属支架 Metal bracket		15天	3天	需开模	免开模	0.3mm	0.02mm
结论：李斯BOSI微型打样技术，真正实现了非标件打样：快！省！优！ Conclusion: The micro-proofing technology of dysprosium BOSI really realizes the non-standard proofing: fast! Save! Excellent!							

同类产品对比

Contrast of similar products

严谨的做工，考究品质，源于BOSI在每个细节的努力精确把控每一个环节，全方位检查质量，只为履行品质优先的承诺



成型后角度垂直精准
平面度可达0.02mm



做工精良
表面光洁无瑕疵



凸包(扣位)准确
盖框组合紧密/无间隙



平面度PK

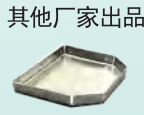
产品的成型角度
直接影响产品的平面度，
平面度不良导致虚焊，影响正常使用

外观PK

产品的表面质量，
直接影响到产品能否得到
正常的储存和有效的保质期

细节PK

盖框吻合性不好，
产品得不到有效性测试



成型角度不垂直，
变形严重平面度没有保证



做工粗劣
表面有油污发黄折痕等



无凸包(扣位)
盖框组合不牢固/易脱落



精密冲压模具

Stamping Die



- Name: Upper Die Set Plate, Material: 45#
Processing Technic :CNC+Precision Grinding
- Name: Upper Padding Plate, Material: Cr12mov
Processing Technic :CNC+Heattreatment+ Precision Grinding
- Name: Punch Holder, Material: 45#
Processing Technic :CNC+ Precision Grinding+ Slow wire cutting(EDM)
- Name: Stop Plate, Material: Cr12mov
Processing Technic :CNC+Heattreatment+ Precision Grinding+ Slow wire cutting(EDM)
- Name: Stripper plate, Material: SKD11
Processing Technic :CNC+ Heattreatment+ Precision Grinding+ Slow wire cutting(EDM)
- Name: Lower die plate, Material: SKD11
Processing Technic :CNC+ Heattreatment+ Precision Grinding+ Slow wire cutting(EDM)
- Name: Lower Padding Plate, Material: Cr12mov
Processing Technic :CNC+ Heattreatment+ Precision Grinding+ Fast wire cutting(EDM)
- Name: Lower Die Set Plate, Material: 45#
Processing Technic :CNC+ Precision Grinding
- Name: Ball Outer Guide Pillar
Processing Technic :Precision Standard Parts with Punch Brand
- Name: Precision Internal Guide Pillar
Processing Technic :Precision Standard Parts with Punch Brand
- Name: Punch Pin/ Dowel Pin/Float pin
Processing Technic :Precision Standard Parts with Punch Brand
- Name: Inserts of Upper & Lower plate Material: DC53
Processing Technic :Slow wire cutting(EDM)+Precision Grinding

序	颜色	名称	材质	加工工艺	序	颜色	名称	材质	加工工艺
1	●	上模座板	45#	CNC+平面精磨	7	●	下垫板	CR 12mov	CNC+热处理+平面精磨+快走丝切割
2	●	上垫板	CR 12mov	CNC+热处理+平面精磨	8	●	下模座板	45#	CNC+平面精磨
3	●	上夹板	45#	CNC+平面精磨+慢走丝切割	9	●	滚珠外导柱	/	盘起工业精密标准配件
4	●	止挡板	CR 12mov	CNC+热处理+平面精磨+慢走丝切割	10	●	精密内导柱	/	盘起工业精密标准配件
5	●	脱料板	SKD11	CNC+热处理+平面精磨+慢走丝切割	11	●	冲头/销钉/浮销	/	盘起工业精密标准配件
6	●	下模板	SKD11	CNC+热处理+平面精磨+慢走丝切割	12	●	上、下模入子	DC 53	慢走丝切割+精密研磨

模具参数及优势

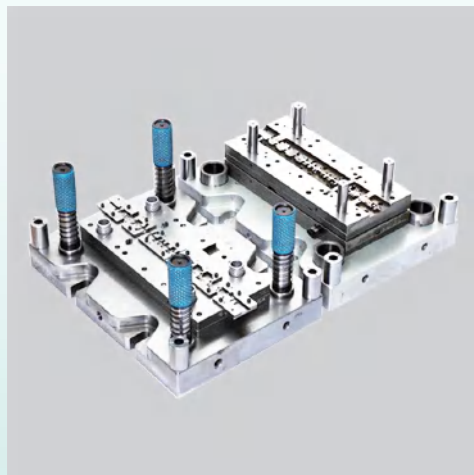
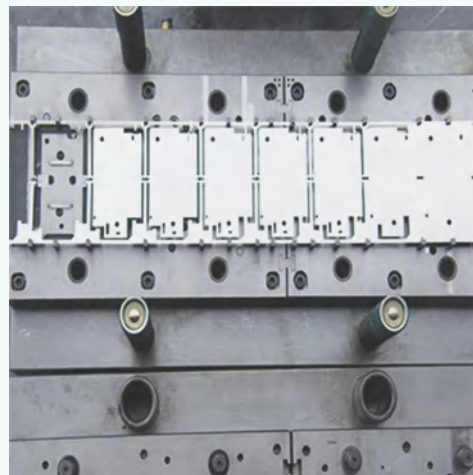
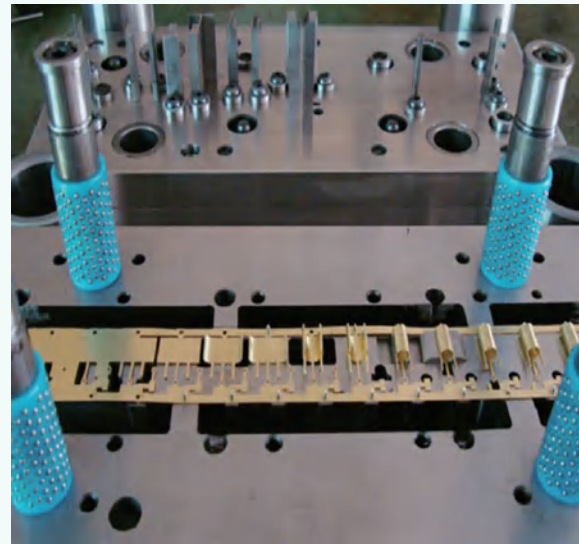
Die Parameters and advantages

- 工艺类型：洗、磨、钻、慢走丝、电脑锣、火花机
- 适冲材料厚度：0.05mm-5.0mm
- 模具寿命：10000000次以上
- 开模时间：7-30天
- 内部零件（冲子、刀口）：SKH-9/钨钢
- 模具规格：模具长度可达1500MM
- 模具精度：0.02mm
- 冲压速度：800次/分钟以上

精密冲压模具 Stamping Die

工艺类型：洗、磨、钻、慢走丝、电脑锣、火花机
 冲材料厚度：0.05mm-5.0mm
 模具寿命：10000000 次以上
 开模时间：7-30 天内部零件（冲子、刀口）：SKH-9/ 钨钢
 模具规格：模具长度可达 1500MM
 模具精度：0.02mm
 冲压速度：800 次 / 分钟

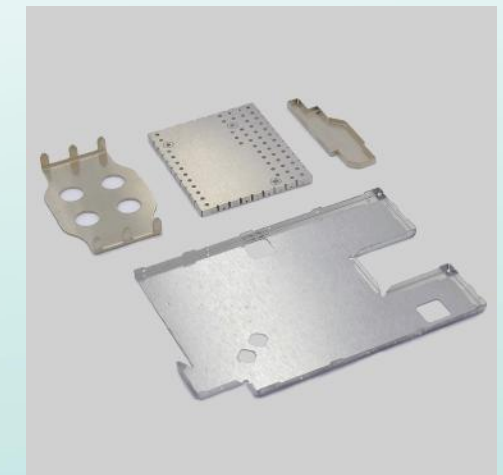
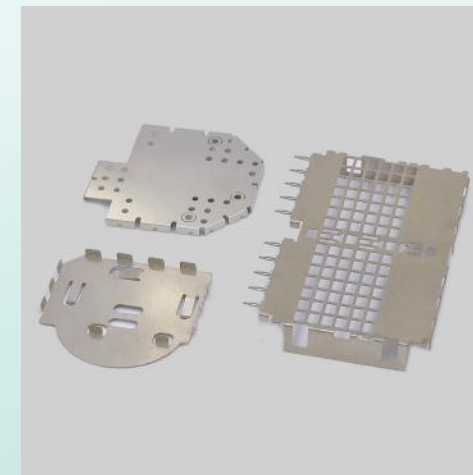
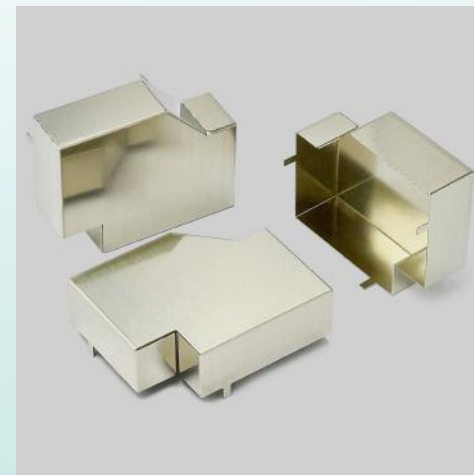
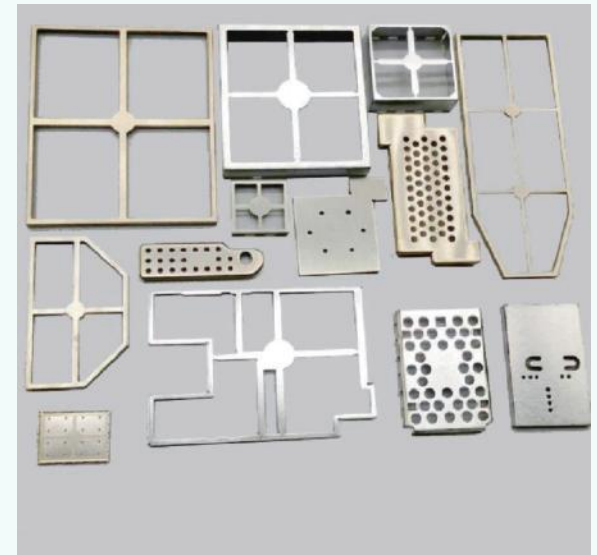
Process type: washing, grinding, drilling, slow wire walking, computer gong, spark machine fit
 Punching material thickness: 0.05mm-5.0mm
 Mold life: more than 10000000 times
 Mold opening time: 7-30 days Internal parts (punch, knife edge): SKH-9/tungsten steel
 MOLD SPECIFICATION: Mold length up to 1500MM
 Mold accuracy: 0.02mm
 Stamping speed: 800 times/min



屏蔽罩产品现有模具的尺寸规格近 150 种因样品治具及模具部分的共用性，为客户节省产品的开发费用，BOSI 也可代客户共同开发产品。产品易焊性好，平面度可保证 0.02MM。

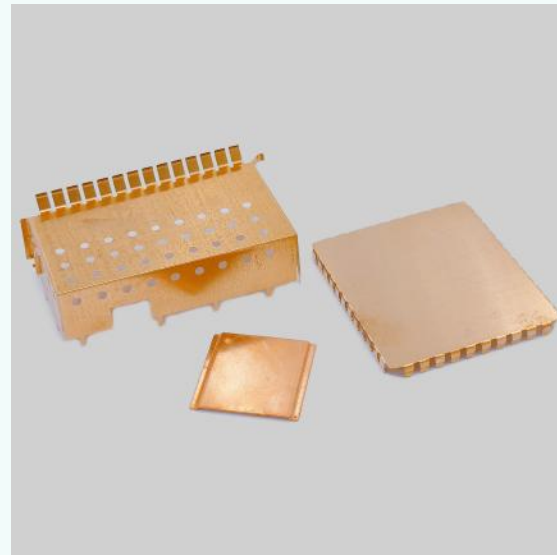
We have 150 kinds of existing mould dimension-for shielding case. and we save the developing cost for customers cause the interoperability of sample jig and mould. Bosi company can be co-developed the products with customers, the shielding case have good welding and flatness can ensure the 0.02mm.

屏蔽罩 EMI/RF Shield



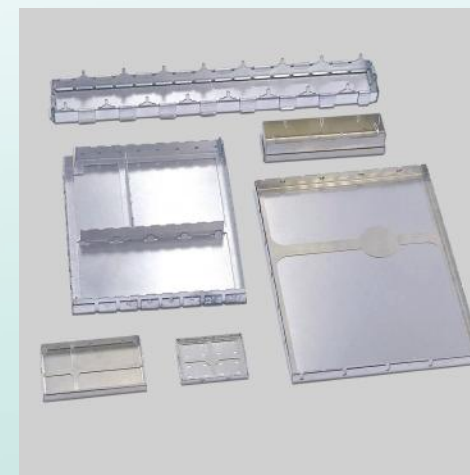
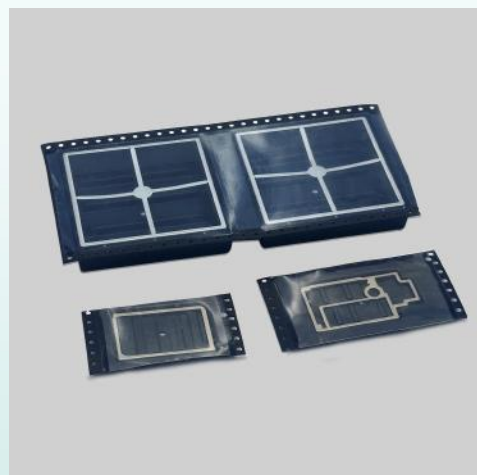
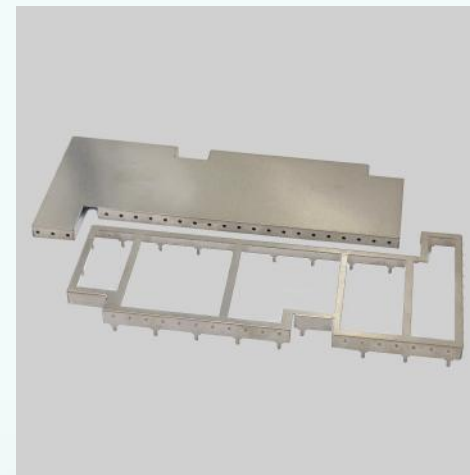
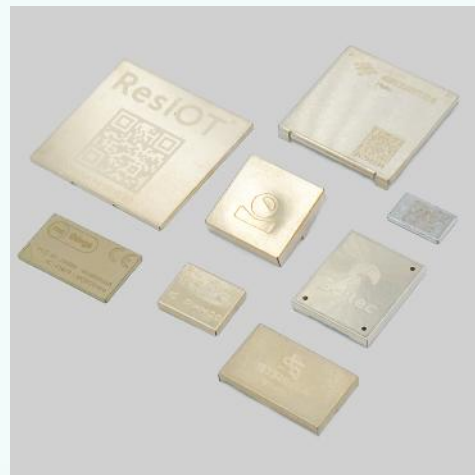
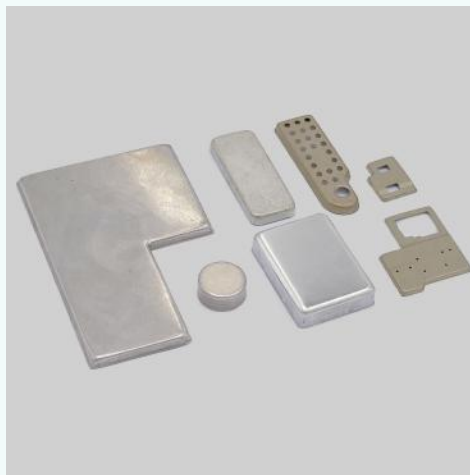
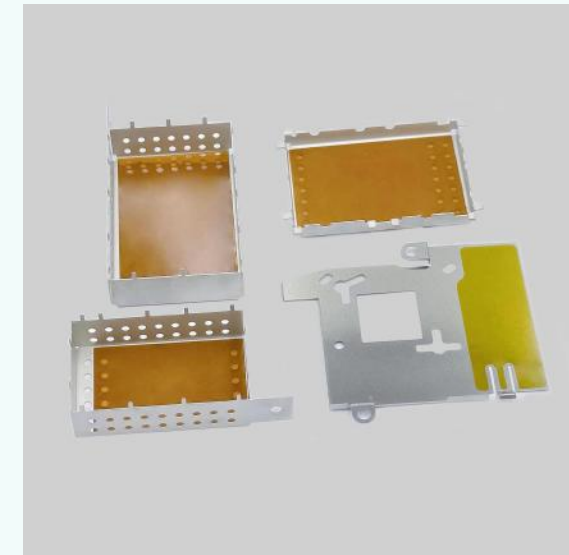
超声波清洗,无变形无发黄,全检后自动封装。

Ultrasound leaning no distortion, no yellowing, automatic packaging after full inspection.



成型后角度直精准,凸包(扣位准确框盖组合紧密无缝隙。

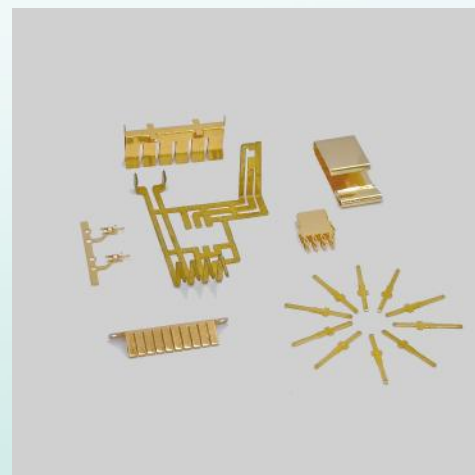
Vertical and precise angle, convex hull (buckle) after forming, close and seamless combination of frame and cover.



智能连接器 Intelligent Connector

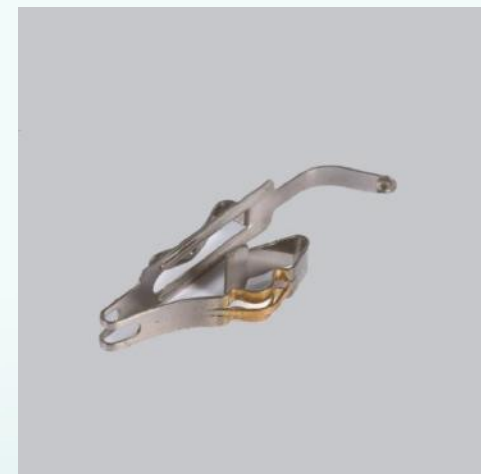
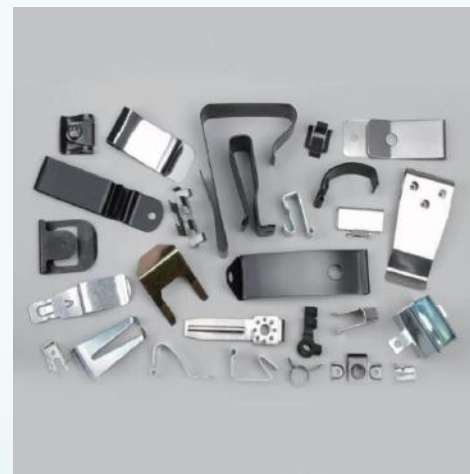
因 模具技术上的突出，端子薄料加工 0.05MM 精密度可控制 0.02MM, 电镀工艺可连续镀、局部镀点镀等多种工艺。

Because of the outstanding mould technology, the terminal of 0.05 mm thin material can reach the precision degree for 0.02mm. the plating technology is various including continuous plating, partial plating, and spot plating



片 品尺寸稳定，采用进口材质，热处理后使产品的弹性更好抗疲劳性更强，后工序的电镀使产品接触性能稳定，表面更美观。

It has the stable product size and adopts import material. after heat treatment products will have good spring and strong fatigue resistance, After the plating products will have a good contact with stable performance, and the surface is more beautiful.



精密五金弹片 Precision Metal Clip

精密金属支架 Precision Metal Bracket

精 密金属支架涉及二十几种进口原材料，可实现喷漆、电镀、磷化等表面处理，内外光滑无毛刺，具有重量轻、刚度好、强度高、耐氧化、耐腐蚀，并且同模件尺寸均匀一致、有较好的互换性的特点。广泛应用于智能汽车智能家居、传感器、医疗等行业。

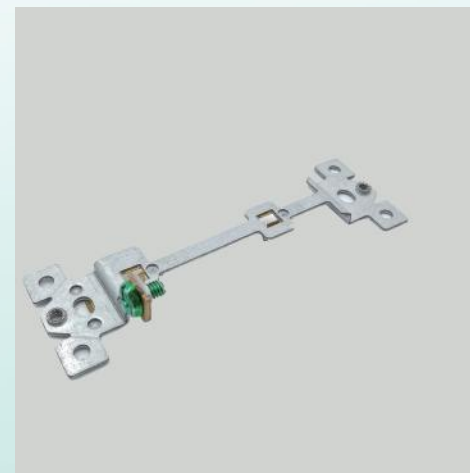
For the connector, The precision metal brackets involves more than 20 kinds of imported raw materials, which can achieve surface treatment such as spray paint, electroplating and Phosphating. It has smooth inner and outer burrs, light weight, good rigidity, high strength, oxidation resistance, corrosion resistance and uniform size of the same module. Consistent and better interchangeability. It was widely used in smart cars, smart homes, sensors, medical and other industries.



精密冲压件 Precision Stamping Part

产 品及服务广泛应用于消费电子、汽车电子、医疗电子、通信行业、仪器仪表、计算机和航空航天设备等领域。产品种类齐全，采用的原材料有铜、铁、铝、钢等 100 多种不同的各国品牌及型号。

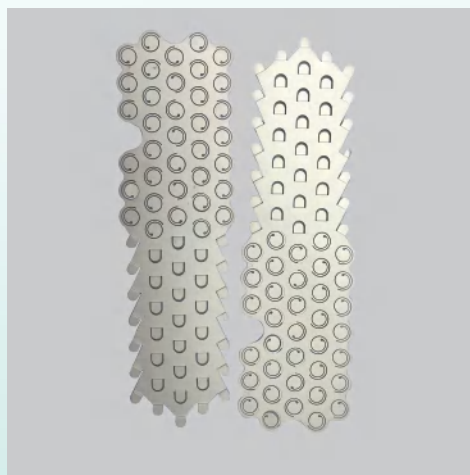
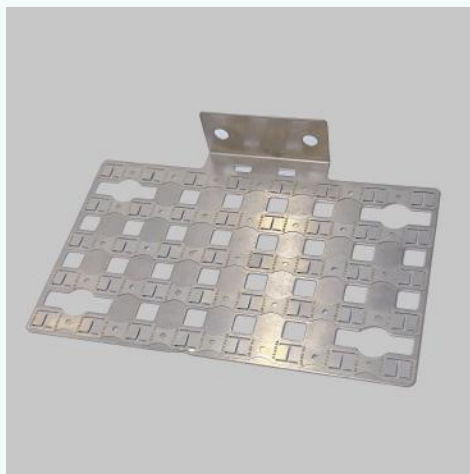
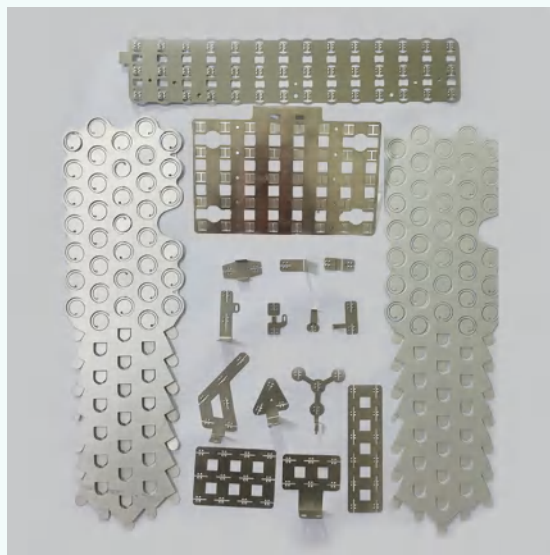
Products and services are widely used in consumer electronics, automotive electronics, medical electronics, communications industry, instruments, computers and, aero-space equipment and other fields. We adopt more than 100 kinds of material and from various countries brand and type including copper, iron and aluminum, and steel etc.



纯镍片 Pure Nickel Sheet

纯 镍 / 铝镍 / 镀镍 / 镀镍铜等材质，产品采用铜镍结合的方式，利用铜来承载电流，镍来焊接电池，完美解决了大电流电池组之间的连接问题。定制带凹凸点高纯镍片任意规格，具有良好的点焊性能，拉伸张力高，操作方便。

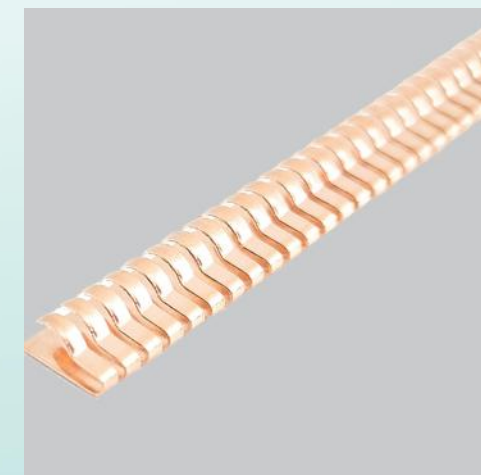
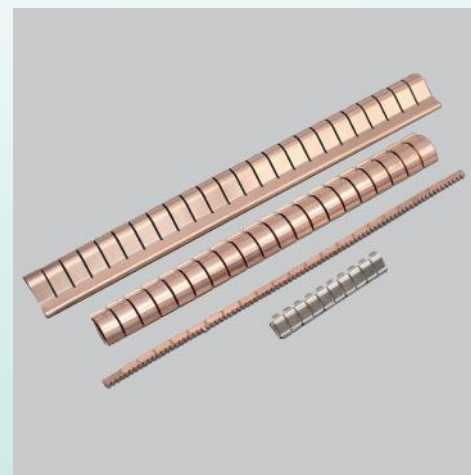
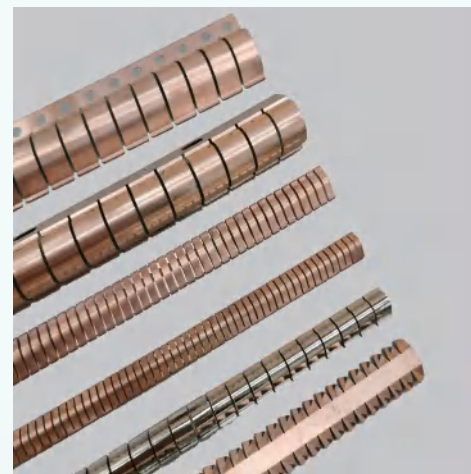
Pure nickel/aluminum nickel/nickel plated/nickel plated copper and other materials, the product adopts the combination of copper and nickel, use copper to carry the current, nickel to solder the battery, the perfect solution to the connection between the high current battery pack. Customized high purity nickel sheet with concave and convex points of any specification, with good spot welding performance, high tensile tension, easy to operate.



镀铜簧片 Beryllium Copper Shrapnel

优 质回弹性能，压缩到弹片高度 70%，10 万次不变形，最佳压缩高度比例 30%-50%。屏蔽性能高，电磁平面波 80-120dB，平面波 (2GHz) 75-120dB 高导电性，良好焊接性能。

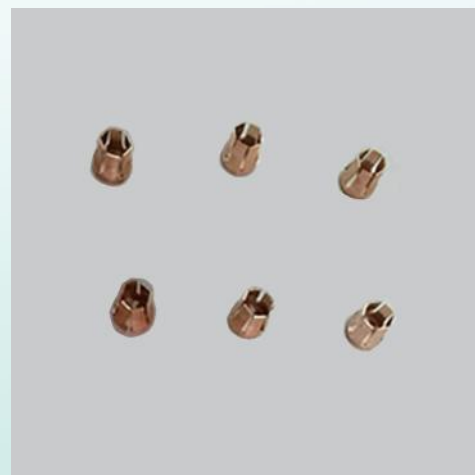
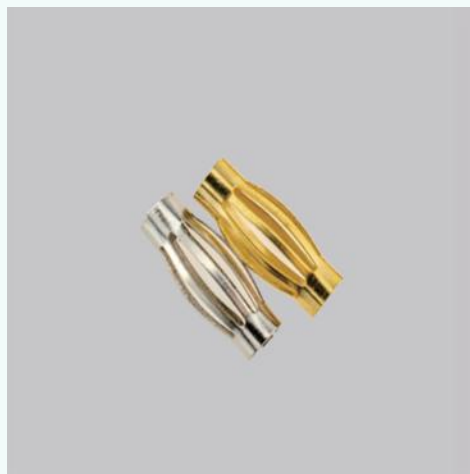
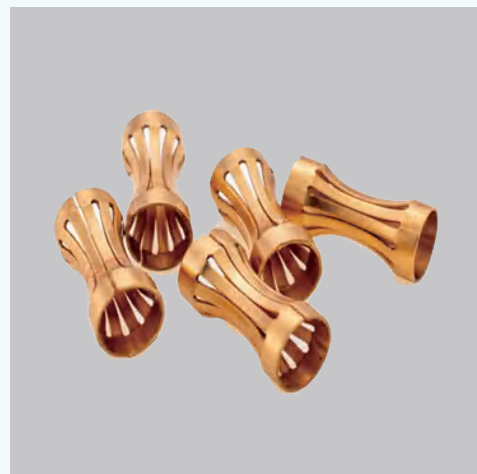
High quality resilience, compression to 70% of the height of the shrapnel, 100,000 times without deformation, the best compression height ratio of 30%-50%. High shielding performance, electromagnetic plane wave 80-120dB, plane wave (2GHz) 75-120dB high conductivity, good solderability.



冠簧鼓簧 Crown Spring Drum Spring

高寿命不变形，接触面大电阻小，接触可靠抗震动。插板柔和不损镀层，装配容易成本低。广泛用于各类电连接器，线路板插座及高级电源插座。

High lifetime without deformation, large contact surface and small resistance, reliable contact vibration resistance. The insert plate is soft and does not damage the coating, and the assembly is easy and low cost. Widely used in all kinds of electrical connectors, circuit board sockets and advanced power sockets.



东莞市李斯五金电子有限公司有 20 年以上国内外五金模具制造、精密五金非标件订制经验。服务过上千家企业，其中不少国际知名品牌，深受全球各大客户的青睐！

Dongguan BOSI Hardware Electronics Co., Ltd. has more than 20 years of experience in manufacturing, precision hardware non-standard parts for hardware molds both domestically and internationally. Served over a thousand enterprises, including internationally renowned brands, deeply favored by major customers worldwide.



顾客案例 Customer Case