



# 浙江涛阳电子有限公司

Zhejiang Taoyang Electronics Co.,Ltd



## 20 | 五金件图册

## 24 |

HARDWARE PARTS BROCHURE

坚固耐用 · 性能卓越 · 配件首选

Rugged · Durable · Outstanding Performance

浙江涛阳电子有限公司

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网址

谷歌: [tystampings.com](http://tystampings.com)

百度: <https://www.taoyangdz.com/>





## 目录

## CONTENTS

# 浙江涛阳电子有限公司

## ZHEJIANG TAoyang ELECTRONICS CO., LTD.

专业五金件，品质铸就辉煌！

PROFESSIONAL HARDWARE PARTS, QUALITY CREATES  
BRILLIANCE!



### 01 企业简介

COMPANY INTRODUCTION

### 02 发展历程

DEVELOPMENT HISTORY

### 03 企业资质

COMPANY QUALIFICATION

### 04 企业优势

ENTERPRISE ADVANTAGES

### 05 企业文化

COMPANY CULTURE

### 06 运用领域

APPLICATION AREA

### 07 设备展示

EQUIPMENTS DISPLAY

### 08 产品展示

PRODUCTS DISPLAY

### 09 合作伙伴

COOPERATION PARTNERS



您好呀，我是Mamie。接下来将由我就  
以上几个方面来简单介绍一下我司。

Hello, I'm Mamie. Next, please follow  
me, I'll introduce our company form  
several aspects mentioned above.



## 01

## 企业简介

COMPANY INTRODUCTION



2000+

产品种类 (个)  
Species

15+

专利项目 (个)  
Patents

30+

专业技术人员  
Experts

**浙江涛阳电子有限公司**成立于 2010 年，是专注于电表、新能源、储能和汽车五金件配套服务行业的研发、生产以及销售的领军企业之一。

自公司成立以来，格外注重对产品质量及其生产过程的把控，在公司通过 ISO9001，ISO45001 和 ISO14001 体系认证，以及产品通过 ROHS, REACH 等权威体系检测后，更是不敢掉以轻心。同时，创新一直以来是涛阳工作的核心，不断追求技术创新，管理创新和产品创新，为客户定制具有竞争力的产品，持续为客户创造价值。此外，涛阳以模具、工装设计技术领先，过程质量严格管控，生产制造产能富足，交付售后响应快速而闻名，是五金件配套生态圈的实践者；并在 2020-2021 年期间，先后被评为“科技型中小企业”和“国家级高新技术企业”。

未来，涛阳将加快国际化步伐，以自主创新的核心技术，为国内外 100 多家顶级客户提供综合化的系统解决方案，致力于打造成为中国一流的五金件配套服务商。

**TYCN** was established in 2010, owning to more than 130 workers and enrich experience in manufacturing hardware parts by now. Over the period between 2020 and 2021, TYCN has been rated as "Science and Technology Small and Medium-Sized Enterprise" and "National High-Tech Enterprise". TYCN actively implements the national strategy of "3060 Carbon Neutrality" and actively provides core technologies and system solutions for the field of metering.

Innovation and exploration are the vital motivations to ensure the sustainable development of TYCN. The technology expertise of TYCN in dies and tooling designs is leading, what's more ,the process quality control is rigorous, the production and manufacturing capacity is abundant, and the delivery and after-sales response is fast. Moreover its products cover various ranges mainly in relays, transformers, new energy, energy storage and other ecosystems. Now, TYCN is accelerating the pace of internationalization, providing comprehensive system solutions for more than 200 top customers at home and abroad with the core technology of independent innovation, and going to the ends of the earth to become a first-class hardware supporting service provider in China.



## 02

## 发展历程

DEVELOPMENT HISTORY

## 2015年：公司规模扩大 The company Expands

随着市场需求的增长和公司实力的增强，涛阳开始积极拓展业务范围，不仅增加了产品种类，还扩大了服务领域。同年，公司通过ISO9001体系认证。

With the growth of market demand and the enhancement of the company's strength, Taoyang began to actively expand its business scope, not only increasing its product categories, but also expanding its service areas. In the same year, the company passed ISO9001 system certification.

## 2010年：创立与起步 Establishment

- 第一台速压力机装置  
` The first high-speed press unit
- 第一套智能电表模具开发成功  
` The first set of smart meter molds was successfully developed
- 第一台系统检测终端  
` The first system inspection terminal

## 2021年：品牌建设与市场推广 Branding & Marketing

- 被评为“国家高新技术企业”  
· Rated as "National High-tech Enterprise"
- 获得“明星企业”的称号  
· Rated as "Star Enterprise".

## 2020年：技术创新与升级 Technological Innovation

- 被评为科技型中小企业  
· It was rated as a technology-based small and medium-sized enterprise
- 连续模高速成型技术，并获得10项专利  
· Progressive die high-speed molding technology, and obtained 10 patents
- 购置20多条高速成型生产线  
· Purchased more than 20 high-speed molding production lines

## 2024年：展望未来 Future Outlook

## 2023年：管理升级 Manage Escalations

- 通过ISO14001、ISO45001双体系认证  
· It has passed the ISO14001 and ISO45001 dual system certification

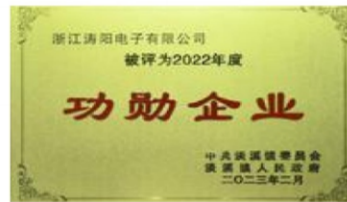


## 03

## 企业资质 ENTERPRISE QUALIFICATION

在 2010-2023 年间，涛阳斩获 15+ 项专利和 5+ 项著作权，并连续通过 "ISO9001, ISO45001", "ISO14001" 体系认证，产品符合 "RoHS", "REACH" 标准，是国家高新技术企业和安全生产标准化企业。

Over the period between 2010 and 2023, TYCN has acquired 15 invention patents and 5 software copyrights. And with the certification of ISO 9001, ISO 45001, ISO 14001 and other certification. Moreover, our products all meet the RoHS and REACH requirement.

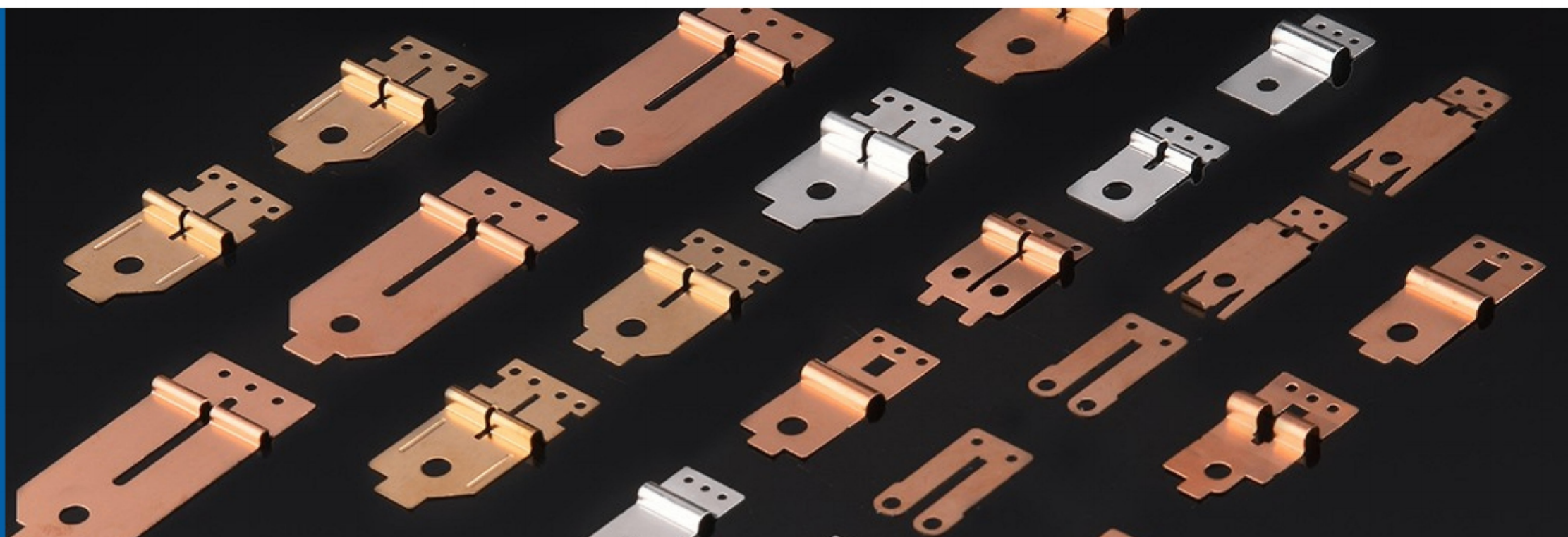




## 04

## 企业优势

ENTERPRISE ADVANTAGES



## 技术

Technique

公司拥有来自国内知名企业技术专家组成的技术研发团队以及齐备的试验和检验设备，可满足国内外客户的不同定制要求。

R&D is composed of technical experts from well-known enterprises and our company is equipped with complete testing and inspection equipment, which can meet the different customized requirements.

## 品质

Quality

公司建立了严格的质量管理体系，并通过ISO9001,ISO14001双体系认证。我们注重细节，追求卓越，确保每一件产品都达到或超越客户的期望。

Certified by ISO9001 and ISO14001, our company has pay much attention in quality and established a strick quality management system.

## 服务

Service

我们始终坚持“客户至上”的服务理念，为客户提供全方位、个性化的服务。无论是售前咨询还是售后服务，我们都能够迅速响应，及时解决客户的问题。

We constantly adhere to the concept of "customer first" and provide customers with all-round and personalized services. Whether it is pre-sales consultation or after-sales service, we are able to respond quickly and solve customers' problems in a timely manner.

## 市场

Market

经过多年的发展，公司已经在五金行业树立了良好的品牌形象和市场口碑。我们的产品广泛应用于新能源，储能，汽配，电子电气等多个行业，并获得了客户的一致好评。同时，我们也积极拓展国内外市场，与众多知名企业建立了长期稳定的合作关系。

After years of development, the company has established a good brand image and market reputation in the hardware industry. Our products are widely used in new energy, energy storage, auto parts, electronic and electrical and other industries, and have won unanimous praise from customers. At the same time, we also actively expand domestic and foreign markets, and have established long-term and stable cooperative relations with many well-known enterprises.

公司凭借技术优势、品质优势、服务优势、市场优势和管理优势，在五金行业中脱颖而出，成为了一家备受客户信赖和赞誉的企业。未来，我们将继续发挥这些优势，不断创新发展，为客户提供更优质的产品和服务。

With the advantages of technical, quality, service, market and management, TYCN stands out in the hardware industry and has become an enterprise trusted and praised by customers. In the future, we will continue to give full play to these advantages, continue to innovate and develop, and provide customers with better products and services.



## 05

## 企业文化

COMPANY CULTURE



## · 企业使命 Mission

致力于为客户提供卓越的五金产品以及解决方案，通过不断创新和卓越服务，推动行业进步，实现可持续发展，为社会创造更大价值。

We are committed to providing customers with excellent hardware stamping parts and solutions, promoting industry progress, achieving sustainable development, and creating greater value for the society through continuous innovation and excellent service.



## · 企业愿景 Blueprint

致力于打造成为中国一流五金件配套服务商，为新能源，储能，汽配，电子电气行业提供系统的解决方案。

We are committed to becoming a first-class hardware supporting service provider in China, providing systematic solutions for new energy, energy storage, auto parts, and electronic and electrical industries.



## · 企业价值观 Values

客户至上·诚信为本·创新驱动  
品质卓越·团队协作·社会责任  
Customer First, Integrity-based, Innovation-driven  
Excellent Quality, Teamwork, Social Responsibility

## · 经营理念 Philosophy

进取、诚信、团队、创新。

Enterprising, Integrity, Teamwork, Innovation.





## 06

## 应用领域

## APPLICATION AREA

## 一、新能源 New Energy

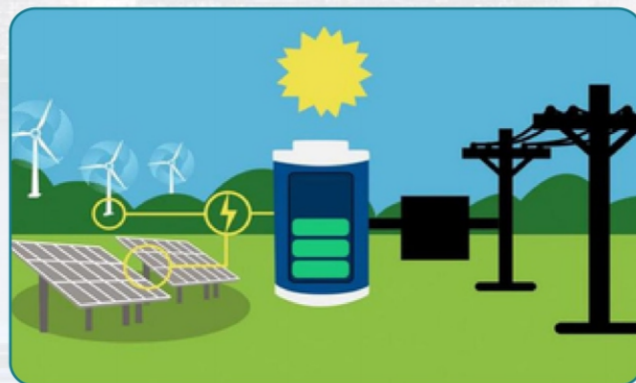
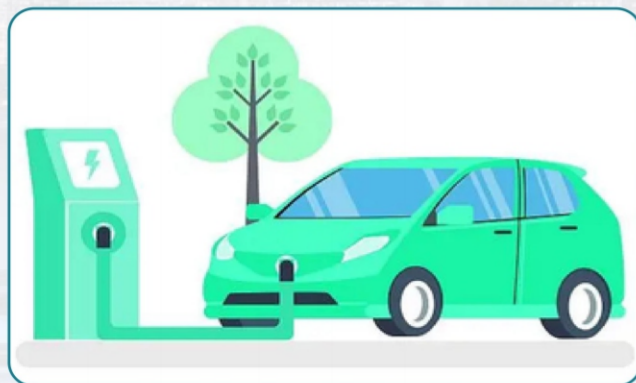
五金件的高精密性和一致性，有利于实现新能源产品的标准化生产，确保产品质量的稳定性。同时，我们的专业团队还能够根据客户需求，提供定制化的解决方案。

The high precision and consistency of hardware parts are conducive to the standardized production of new energy products and the stability of product quality. At the same time, our professional team can also provide customized solutions according to customer needs.

## 二、汽车配件 Auto Accessories

汽车行业的发展也离不开我们的五金件产品。我们为其提供高质量的五金配件，确保交通工具的安全性和可靠性。

The development of the automotive industry is also inseparable from our hardware parts. We provide high-quality hardware stamping parts to ensure the safety and reliability of vehicles.



## 三、电子电气 Electrical and Electronics

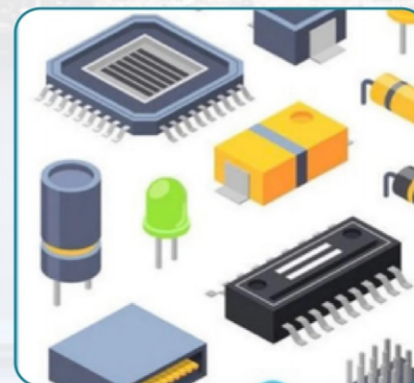
在电子工业领域，我们的五金产品为电子设备的制造和组装提供了重要支持。例如，为继电器，互感器，电表等行业提供各类电子元器件和配件，为电子设备的稳定性和性能提供保障。

In the electronics industry, our hardware parts provide important support for the manufacture and assembly of electronic devices. For example, it provides all kinds of electronic components and accessories for relays, transformers, meters and other industries to ensure the stability and performance of electronic equipment.

## 四、储能 Energy Storage

五金件是储能行业中不可或缺的组成部分，为储能系统的可靠运行和发展提供了重要的支持。例如在储能电池的外壳结构中，五金件可以提供稳固的保护和支撑；在连接部件中，它们确保了电流和信号的稳定传输。

Hardware parts are an indispensable part of the energy storage industry, which provides important support for the reliable operation and development of energy storage systems. For example, in the shell structure of energy storage batteries, hardware parts can provide stable support; In the connecting parts, they ensure the stable transmission of current and signal.





# 07

## 设备展示

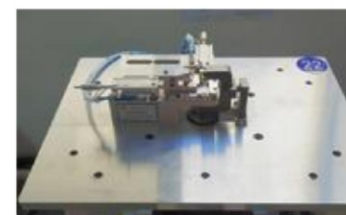
EQUIPMENTS DISPLAY

现阶段，我司冲压设备达到40+，五轴数控机床达到20+，能确保产品大批量生产。此外我司还拥有电子束焊机组，不仅能根据客户需求，定制束焊带尺寸；而且我们也定制生产束焊带产品，参与生产制造全流程，不仅能确保产品性能稳定，还能确保交期。

Currently, the number of our stamping equipment has reached 40+, and five-axis CNC machine tools have reached 20+, which can ensure mass production. In addition, our company also has an e-beam welding machine, which can not only customize the size of the e-beam welding strip, but we also customize the production of e-beam welding strip products and participate in the whole process of manufacturing, which can not only ensure

### 生产设备展示

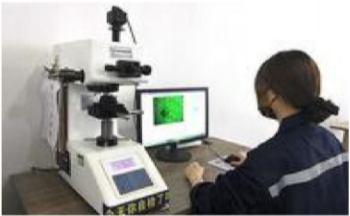
Production Equipments Display





## 检验设备展示

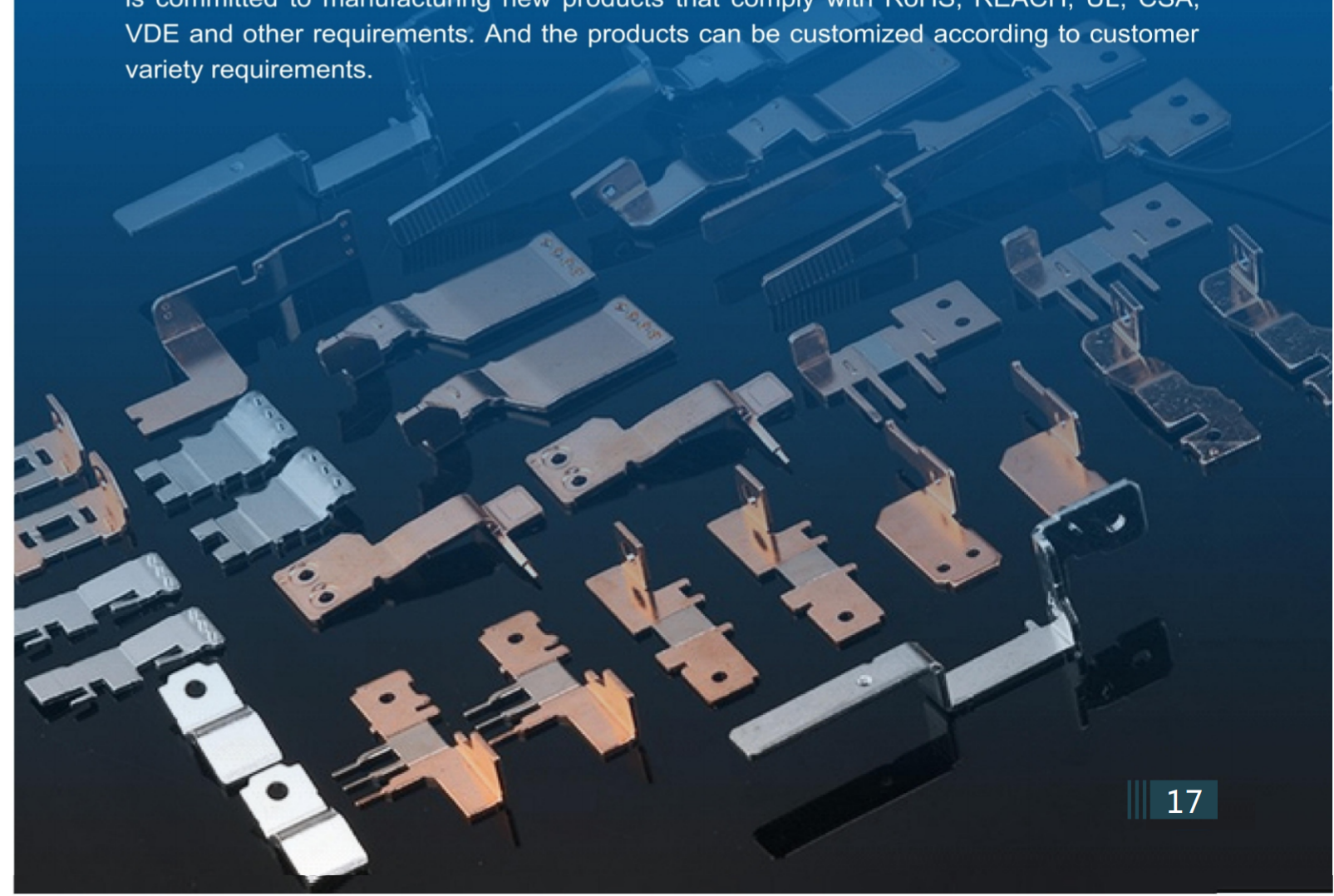
Testing Equipments Display

08  
产品展示

PRODUCTS DISPLAY

为满足仪表，电子，电气，汽车汽配等行业日益增长的高质量高标准的需求，涛阳致力于制造符合RoHS、REACH、UL、CSA、VDE等要求的产品，产品可根据客户的需求进行定制。

In order to meet the growing demand for high quality and high standards in the instrumentation, electronics, electrical, automotive auto parts and other industries, Taoyang is committed to manufacturing new products that comply with RoHS, REACH, UL, CSA, VDE and other requirements. And the products can be customized according to customer variety requirements.





束焊带 E-BEAM WELDING STRIP

1、材料规格 Material Specifications



厚度 Thickness	宽度 Width	形态 Shape
0.3mm-5mm	15mm-250mm	板材 Plate/ 卷材 Coil

2、尺寸公差 Tolerance

厚度 Thickness	宽度 Width
-0.03+0mm	-0.1+0mm

3、物理·机械性能 Physical·Mechanical Properties

材质 Material	硬度(HV) Hardness	抗拉强度(M pa) Tensile strength	延伸率(%) Elongation	导电率(%) Conductive	电阻率(20℃)μΩ Resistance
T2Y2	80-110	> 250	> 18	> 96.6	0.018
T1Y2	> 80	245-345	> 18	> 98.3	0.018
锰铜	90-120	350-450	> 30	/	0.435-0.445

4、化学构成 Chemical Composition: T2Y2/T1Y2+锰铜

材质构成 Com position	Cu	Mn	Ni	Fe	Si
T2Y2	99.98%	> 99.90%	< 0.3%	< 0.5%	/
T1Y2	99.96%	> 99.95%	/	0.0018%	/
锰铜	85%	11.5-12.5%	2.0-5.0%	< 0.5%	< 0.5%

6、侧边弯曲度 Camber

宽度 ( mm ) Width	厚度 ( mm ) Thickness	
	0.08-0.6	0.6-2.0
13-25	≤1.0	≤1.0
25-50	≤1.5	≤1.0
50-100	≤1.5	≤1.5
100-210	≤1.5	≤1.5

8、扭曲度 Twist (°/mm)

宽度 ( mm ) Width	≤30	30-100	100-300
翘曲度 ( ° ) Coil Set	≤10	≤5	/

9、表面粗糙度 Surface Roughness

厚度 Thickness	粗糙度 Roughness
0.5-1.00mm	< 0.2um
1.0-3.5mm	< 0.3um

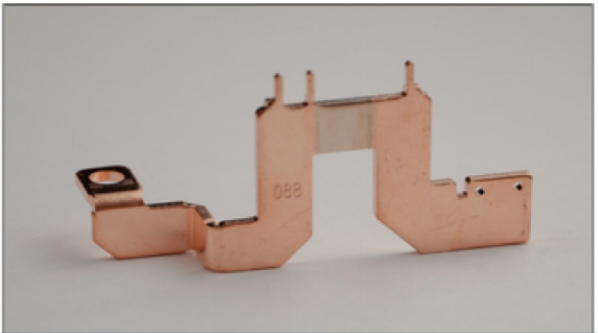
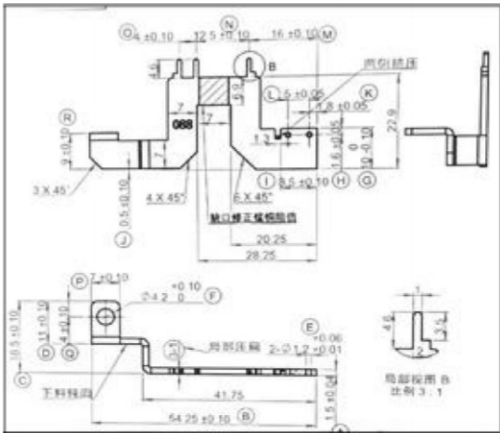
7、板形控制 Flatness Control

厚度 Thickness	公差 Tolerance
70-60mm	±0.05mm
61-100mm	±0.1mm
101-210mm	±0.2mm

10、翘曲度 Coil set

宽度 ( mm ) Width	≤30	30-100	100-300
翘曲度 ( ° ) Coil Set	≤10	≤5	/

束焊带系列产品 PRODUCTS MADE FROM E-BEAM WELDING STRIP



分流器 Shunt parts



# 储能 ENERGY STORAGE



铜排系列  
Copper Busbar Series



黄铜柱系列  
Brass Column Series



连接片系列  
Connecting Pieces Series



黄铜柱系列  
Brass Column Series

# 储能 ENERGY STORAGE



轭铁系列  
Yoke Iron Series



轭铁系列  
Yoke Iron Series



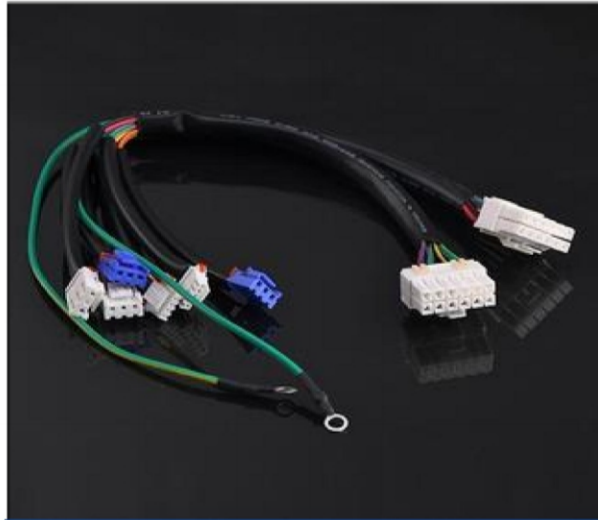
衔铁系列  
Armature Series



屏蔽罩系列  
Magnetic Shielding Cover Series



# 汽车配件 AUTO ACCESSORIES



线束系列  
Wiring Harness Series



线束系列  
Wiring Harness Series



线束系列  
Wiring Harness Series



线束系列  
Wiring Harness Series

# 汽车配件 AUTO ACCESSORIES



铁芯系列  
Iron Core Series



弹片系列  
Spring Series



针脚系列  
Pin Series



针脚系列  
Pin Series



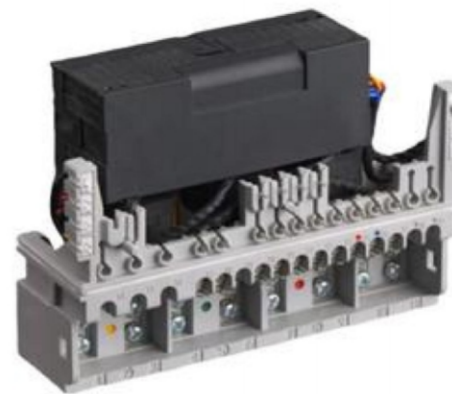
# ◀ ◆ 电子电气 ELECTRICAL AND ELECTRONICS



塑料件系列  
Plastic Parts Series



塑料件系列  
Plastic Parts Series



端子排系列  
Terminal Block Series



端子排系列  
Terminal Block Series



塑料件系列  
Plastic Parts Series



贴片电阻系列  
SMD Resistor Series



铜件组件  
Copper Component Series



互感器系列  
Tranformer Series



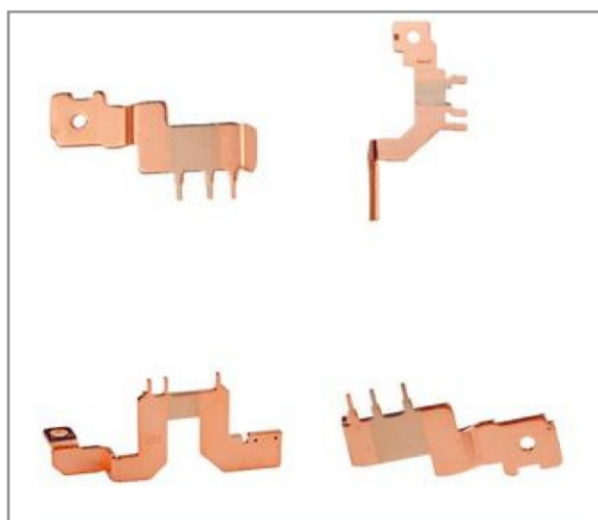
# 新能源 NEW ENERGY



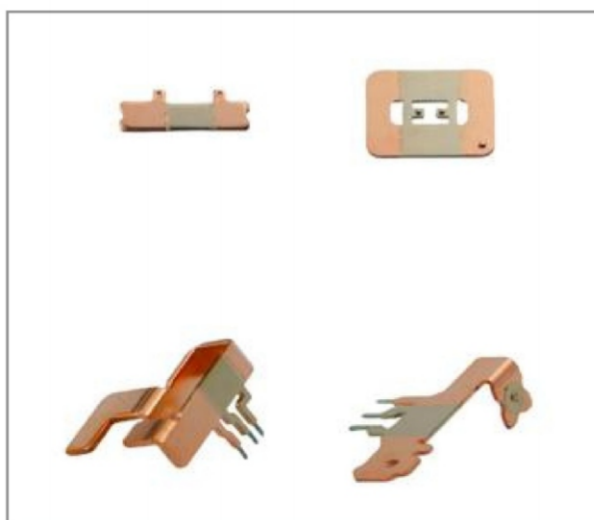
静片系列  
Stationary Terminal Series



静片系列  
Stationary Terminal Series



分流器系列  
Shunt Series

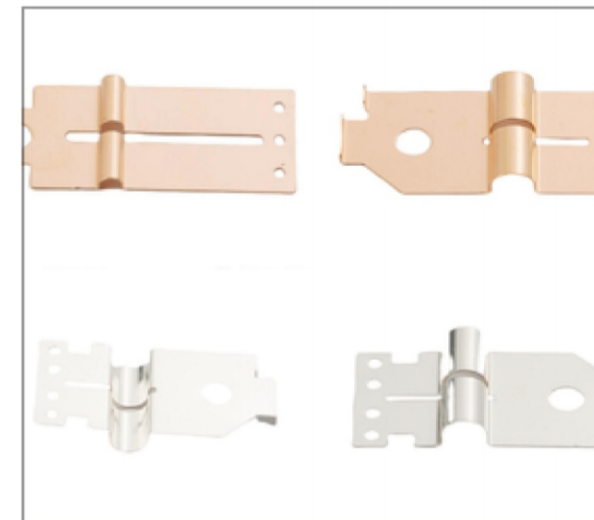


分流器系列  
Shunt Series

# 新能源 NEW ENERGY



分流器系列  
Shunt Series



分流片系列  
Splitter Plate Series



动片系列  
Movable Terminal Series



动片系列  
Movable Terminal Series



# 大功率继电器 POWER RELAY



J2C-13F 10A



JQX-38F 30-40A



JQX-60F 60A



JQX-62F 100A



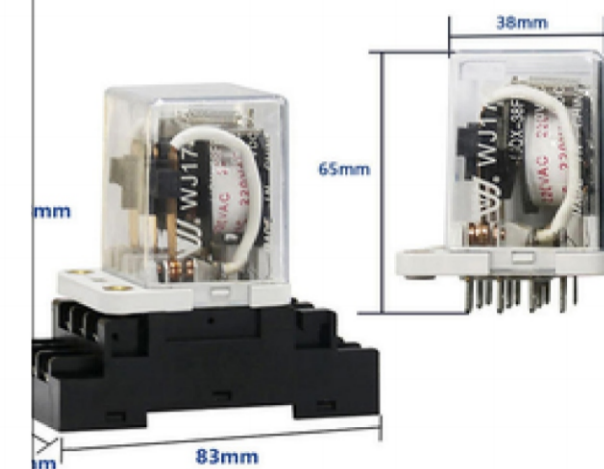
JQX-40A 40A



JQX-40A



JQX-90A

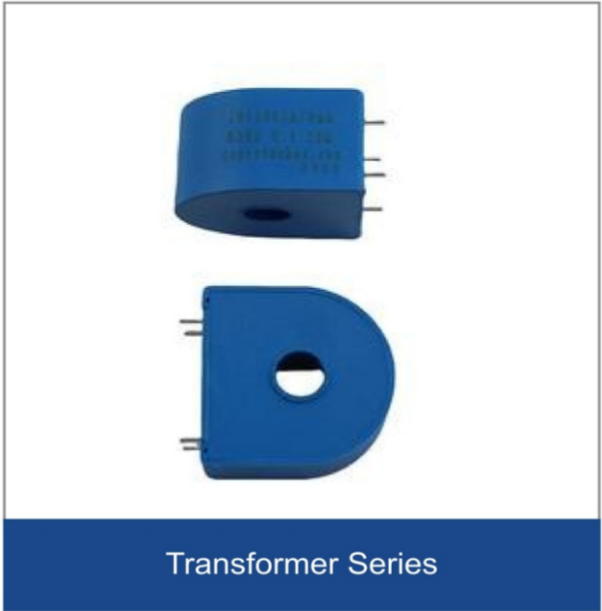


JQX-40A 40A

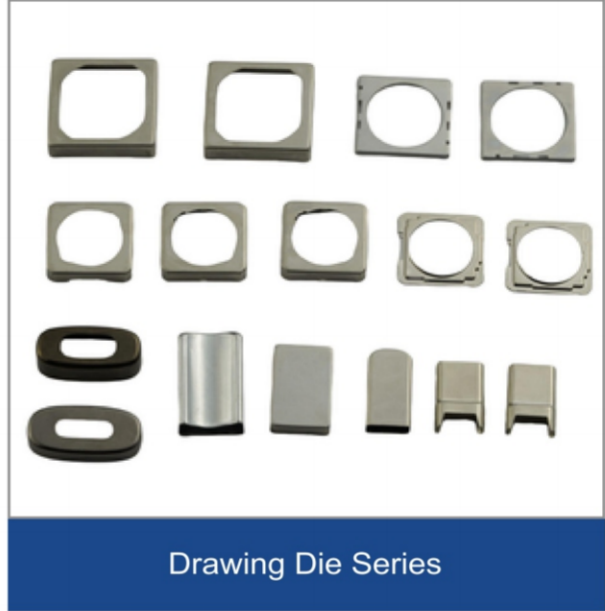
# 大功率继电器 POWER RELAY



互感 器 系 列 TRANSFORMER SERIES



拉 伸 模 系 列 DRAWING DIE SERIES





# 09

## 合作伙伴

COOPERATION PARTNERS

部分公司合作伙伴展示:

Our business partners are not limited to these.

**DELIXI**

**三友继电器**  
 SANYOU RELAYS


**中国南方电网**  
 CHINA SOUTHERN POWER GRID


**GRT**  
 磁保持继电器  
 专业研发制造商  
 国家高新技术企业
**GOODVIC**

**安迅电气**

**威胜集团**  
 Wasion Group


**美硕**  
 MEISHUO
**FANHAR®****RAIWAY**

**安徽意华电器有限公司**  
 ANHUI YIHUA ELECTRONICS CO., LTD  
 裕发 YUFA


**鼎信通讯**  
 TOPSCORN

专业五金机电，品质铸就辉煌！

Professional production of hardware, quality casts brilliant!

快乐的时光总是短暂的，到了该说再见的时候。

如果您想进一步了解我司，可以移步到公司官网，期待您的真诚合作。

Time goes so fast, and my introduction is over. But if you want to learn more about us, you can click into our websites, and can also add my whatapp which leave in our websites. See you later