### DEGSON 是专业工业连接器制造商,能为客户提供定制化的解决方案。

DEGSON is a professional industrial connector manufacturer that offers customized solutions to customers.















宁波高松电子有限公司 DEGSON ELECTRONICS CO.,LTD.

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The catalog is only for reference, and the detail data must be based on our company's specification!

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# 定制化产品



# 宁波高松电子有限公司

DEGSON ELECTRONICS CO.,LTD.

ISO9001 ISO14001 ISO80079-34 IATF16949 (RISE) (RIS



# 公司简介

DEGSON高松创建于1990年,是全球知名的工业连接器整体解决方案提供商、业内同时拥有美国UL和 德国VDE认可专业实验室的企业,公司通过了ISO9001、ISO14001、ISO80079-34、ISO/TS22163和 IATF16949管理体系认证,是国家高新技术企业。

DEGSON高松拥有行业领先的模具加工、自动化制造能力,配备先进的检测仪器和专业检测技术,打造高可靠性、高耐用性产品,服务全球用户;同时,我们具有强大的定制化能力,并根据全球客户个性化需求,提供专业的定制化解决方案,为客户提供增值服务。

DEGSON高松产品畅销中国、美国、德国、英国、意大利、西班牙、土耳其、俄罗斯、日本、韩国、新加坡等100多个国家和地区,为全球工业自动化、仪器仪表、电力电气、轨道交通、船舶、新能源、电梯、照明、安防、机械等行业,提供高品质产品和专业服务,获得了众多世界500强和行业龙头企业的认可。

DEGSON高松以"务实创新、责任诚信、和谐发展、规则共赢"的经营理念,不断整合全球专业技术资源,打造强大的研发创新、产品制造和技术应用能力,依托全球布局,提供系列化、多品种、多型号的高品质产品和服务,为全球客户提供专业、快捷的全连接应用解决方案,帮助客户持续创造价值,致力打造智慧互联世界。

# **Brief Introduction**

Founded in 1990, DEGSON is a global solution provider of electrical, electronic and industrial connectors. As a National High-tech enterprise, DEGSON owns the UL and VDE certified laboratory. The company achieved ISO9001, ISO14001, ISO80079-34, ISO/TS22163 and IATF16949 management system certifications.

DEGSON is engaged in supplying highly reliable and durable products to serve global customers. The company has a market-leading capability of mould processing, automatic manufacturing and advanced testing. DEGSON has the complete engineering ability to support global customers with the professional customization solution and value-added service.

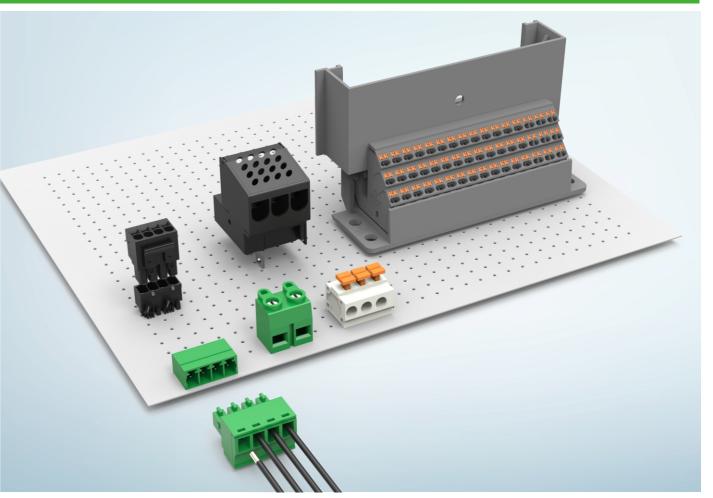
DEGSON products are widely recognized in China, the USA, Germany, the UK, Italy, Spain, Turkey, Japan, South Korea, Singapore, etc. totally hundred countries and regions. DEGSON supply high quality products and provide professional services globally in the industry sectors likely industrial automation, instrument, electric power, railway, marine and offshore, new energy, elevator, lighting, security, machinery, etc. The company won the recognition from partners among Fortune 500 and industry leading enterprises.

Based on the business philosophy of "pragmatic innovation, responsibility, integrity, harmonious development, regulation and win-win", DEGSON continuously integrates professional technical resources, R&D innovation, product manufacturing and technology application capabilities. Relying on global sales network, DEGSON aims to supply series of multiple varieties of high-quality products and services. We provide global customers with professional and quick connected application solutions, help customers continue to create value. DEGSON is making contributions to creating a smart and interconnected world.





#### 接线端子 TERMINAL BLOCKS





























# DEGSON

# 圆形 / 重载连接器 CIRCULAR / HEAVY DUTY CONNECTORS















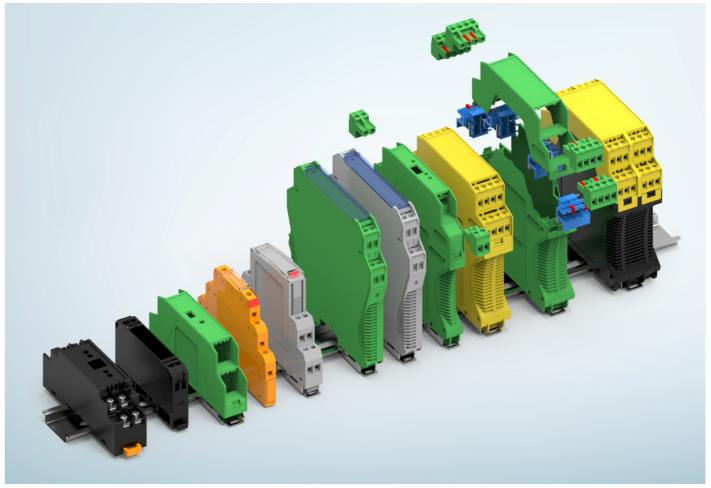








# 继电器模组 INTERFACE MODULE





























# **DEGSON**

# 売体 ENCLOSURE























# 五金零件 METAL PARTS

























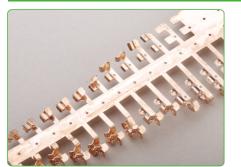




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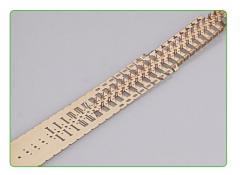


## 五金零件 METAL PARTS



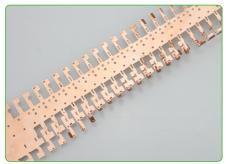






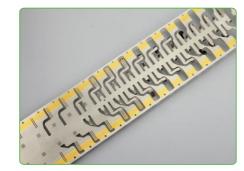






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# 一体化服务 INTEGRATED SERVICES

为全球客户提供优质、安全、可靠快速的整套连接解决方案。

Provide high quality, safe and reliable connection solutions for global clients.



客户服务 Marketing Service



产品设计、模具设计 Product Design、Mould Design



全性能测试 Test



冲模开发 Stamping Mould Development



塑模开发



自动化设备开发 Plastic Mould Development Automation Equipment Development



Injection Stamping



Lathe



Pad Printing



线束 Ultrasonic Welding Cable Harness



电镀(委外) Electroplating (Outsourcing)





组装 Assembly



## 技术研发 R&D

#### 技术研发

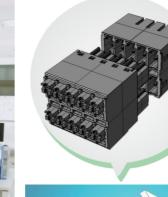
我们有二十几年精密组件的研发经验,拥有一支专业的研发工程师队伍,研发部配备了国际先进的计算机辅助制造系统(CIMS),集设计、制造、分析于一体。我们广泛参与国际间技术交流与合作,为客户提供全套产品开发,制造及加工技术方案;我们的设计团队,已累积近万组精密模具的设计经验,并且不断创新,挑战多元化精密零件制造,开发出具有前瞻性的精密模具。并配合客户做定制化产品设计,可快速提供3D打印样品。

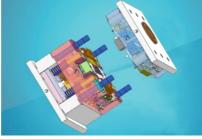
#### R&D

With more than 20 years' experience in terminal blocks and die-making, DEGSON has a team of experienced engineers. Our R&D department is equipped with advanced computer integrated manufacturing system (CIMS), which combines design, manufacturing and analysis into one system. We take part in international technical communication and cooperation activities frequently, and provide customers with complete technical solution on products development and manufacture. Our R&D team has a lot of experience with the manufacture of thousands of precise moulds; meanwhile, we are keeping on making innovations, challenging the diversified high precision parts manufacture and trying to create advanced precision mould. Customized product design and 3D printing samples are available.



技术研讨 Technical discussion







中国、欧洲发明专利证书 China, European Invention Patent Certificate



中国实用新型专利证书 Chinese Utility Model Patent Certificate



### 模具制造 TOOLING MAKING

#### 模具制造技术和工艺

强大的模具加工能力,模块化模具设计,快速完成开模,提供样品。

DEGSON 拥有日本沙迪克慢走丝线切割,日本三菱精密数控电脉冲,高精度数控加工中心,

精密测量仪等近百台世界顶级的模具加工设备。满足客户相应的要求,模具设计、组立、调试及采购人员均具备丰富经验。每年产出各类精密模具800多套。

#### TOOLING-MAKING TECHNOLOGY AND ENGINEERING CAPABILITIES

Strong die-making ability, modular mould design, we can quickly finish the die-making and provide samples to our customers. DEGSON are well-equipped with advanced Japanese Sodick slow-feeding wire-cut machines, Japanese Mitsubishi EDM, grinding and milling machines etc., Nearly 100 sets of top machines for die-making. We have experienced engineers for tooling design, tooling assembly, tooling debugging. We produce more than 800 sets of all kinds of precision tooling per year.



沙迪克慢走丝线切割(11)台 Sodick low speed wire cutting machines(11 sets)



中走丝线切割(11)台 Medium speed wire cutting machines(11 sets)



三菱放电机(14)台 Mitsubishi EDM machines(14 sets)



数控精密加工中心(8)台 CNC machining centers(8 sets)



## 模具品质管制 TOOLING QUALITY CONTROL

#### 模具品质管制

公司配备了:三次元测量仪,高精度投影仪,高精度高度规等十几台精密检测仪器,订立严格的品质标准,以精确严谨的品管态度,确保每副模具的质量,从材料选定,胚料加工,模板热处理,机械加工到模具组立,试模,每项作业流程都经过严格的管制,每个模具零件,在装配前都经过了严格的检验。

#### MOULD QUALITY CONTROL

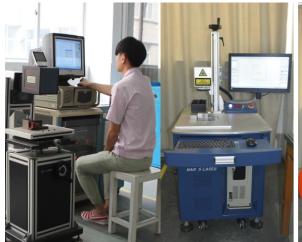
We have more than a dozen set of precision testing equipments such as 3D measuring instrument, high-precision projector, high-precision height gauge. We have strict control of each process starting from material choosing, die processing, thermal treatment, machining to die assembly and die trial. Every tooling part has been strictly inspected before assembling.



高精度铣床(9)台 High-precision milling machines (9 sets)



高精度平面磨床(26)台 High precision surface grinding machines (26 sets)



激光打标机(2)台 Laser marking machine (2) set



三次元测量设备(1)台 Three coordinate measuring device (1) set

高精度投影仪(12)台 High-precision projector (12) sets



## 精密冲压加工 PRECISE STAMPING

#### 精密冲压加工

公司拥有40台高速冲床,规格从10吨-110吨,采用连续模生产,所有冲压过程都在一套模 具内完成,有着很高的效率和精度,可生产的材料包括:黄铜、磷青铜、铍青铜、镍白铜,复合 材料,不锈钢等。

#### STAMPING&PUNCHING CAPACITY

Our company has 40 sets of high speed stamping & punching machines, with processing capacity ranging from 10 to 110 tons. We use progressive die which allows all operations to be performed in one single die, high efficience and precision. We can stamp various materials including, brass, phosphor bronze, beryllium copper, Alpaka, stainless steel and so on.



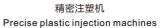


车削 Turning machies



自动(弹簧)成型机 Automatic (spring) forming machines







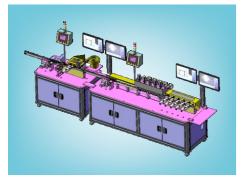
精密高速冲床 Precise high speed stamping machines



## 自动化开发 AUTOMATIC MANUFACTURING, PRODUCTION

自动化设备技术软硬件开发工程师45人,全面自主开发自动化设备。

45 engineers responsible for automatic equipments hardware and software, fully independent automation equipments development.







设备设计 Equipments R&D

设备硬件 Hardware

设备软件 Software





自动化装配占80%。300台设备,提升产品一致性,自动检测,快速交货。 Automatic assembly accounts for 80% of our production, with nearly 300 sets equipments to improve product consistency, automatic inspection and fast delivery.

Manual assembly lines to meet customer diversified customized requirements.



手工生产线,满足客户多样化、定制化需求。



充电枪自动组装产线 EV Charger automatic assembly lines.



## 品质认证 QUALITY CERTIFICATIONS



DEGSON 实验室拥有大批先进检测仪器,能按UL1059、 UL1977, UL2238, UL486E, IEC60998, IEC61984, IEC60947, GB13140, GB14048, CSA C22.2 No.158 标准对连接器进行环保、机械、电气、材料、环境、颜

With advanced inspection apparatus ,All tests for connectors can be performed in DEGSON laboratory refer to UI1059. UL1977、UL2238、UL486E、IEC60998、IEC61984、IEC60947、 GB13140、GB14048、CSA C22.2 No.158 such as environment, mechanical performance ,electrical performance ,material ,color











ISO9001 Sertion Series ULCA2030360 Super Releases SERVED 2020365







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UL 证书号:E228872 1400种规格 167 VDE 证书 1000种规格 UL File NO.:E228872 1400 items 167 VDE certificates for 1000 items

TUV 证书 TUV certificate

EAC 证书 EAC certificate

CE 证书 CE certificate

European invention patent

售 网络 **SALES NETWORK** 

DEGSON产品销往全球100多个国家和地区 Products have been exported to more than 100 countries and areas in the global.

