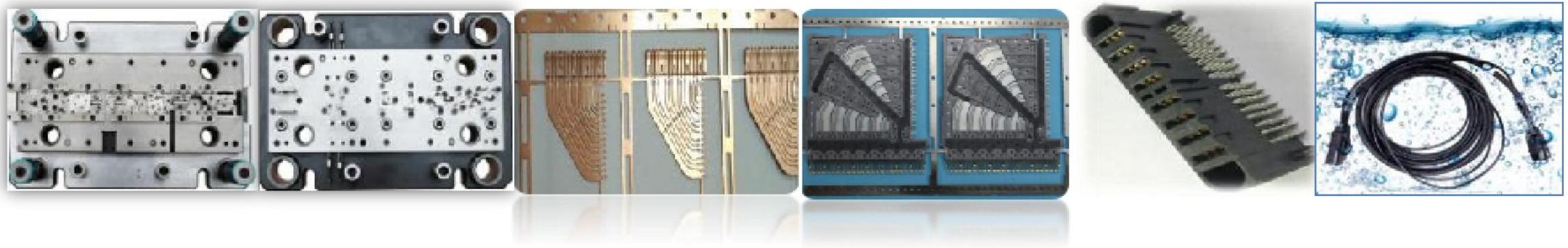
farmer TEK 泛玛科技®

深圳市泛玛科技有限公司

公司简介

2024-08-13 田文蔚



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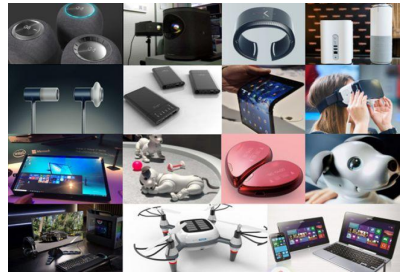
公司介绍

概述

- **成立时间：** 2008年12月5日
- **车间面积:** 21,000 m²
- **员工人数:** 约 400 人 (包括位于深圳和江西的两家工厂)
- **致力于为以下行业和市场提供综合的解决方案:**
  - 汽车
  - 工业
  - 通讯
  - 消费电子
  - 人工智能
- 供应链式，一体化生产：
  - 模具制造
  - 注塑成型
  - 冲压成型
  - 连接器 & 线束的装配
  - **电镀** (联营公司)



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公司介绍

公司组织架构图

farmer TEK

泛玛科技公司

Shenzhen
深圳泛玛科技
- 注塑
- 冲压
- 装配

泛森工业 FARMSON INDUSTRY

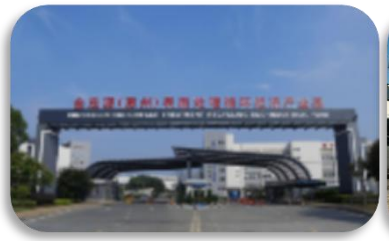
Jiangxi
江西泛森工业
- 注塑
- 冲压
- 装配
- 模具

广东佰特精密工业有限公司
GUANGDONG PROTECH PRECISION INDUSTRY CO., LTD

Dongguan
广东佰特精密
- 模具

益特表面处理 Elite Surface Treatment

Huizhou
惠州益特(参股)
- 电镀



MFG TECHNOLOGY SDN. BHD.

Malaysia
- 注塑
- 冲压
- 装配

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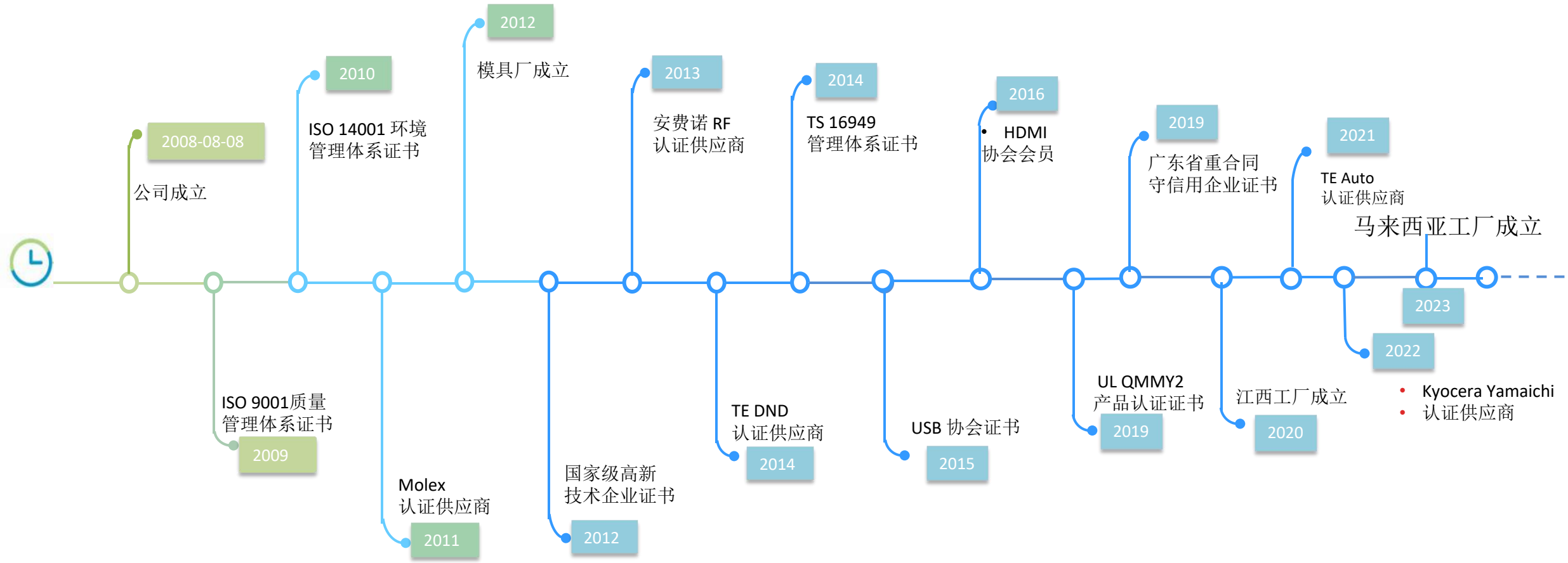
公司介绍

发展里程碑



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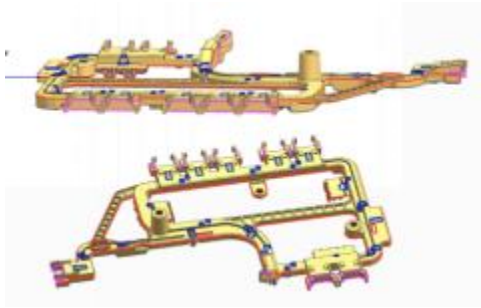
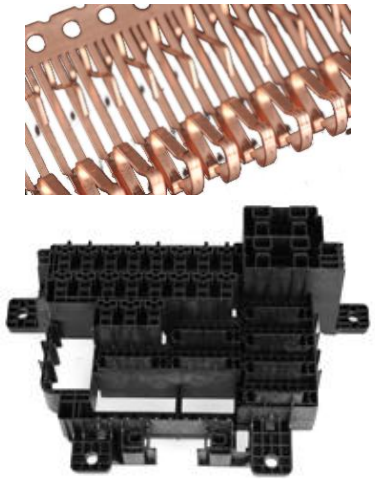
公司介绍

能力

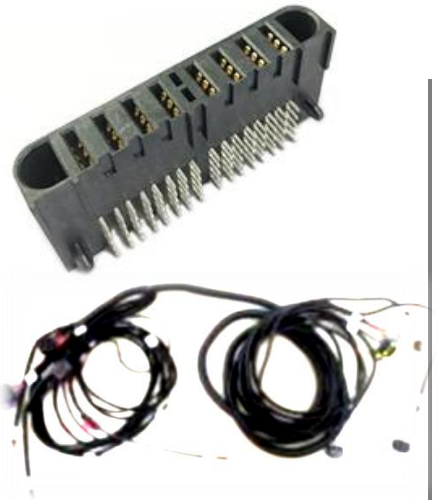


研发设计
- 联系/主体设计
- 模具设计
- 连接器设计
- 装配与夹治具设计

模具制造
- 精密模具
- 热流道
- 冲压模具



成型/冲压
- 模内注塑/二次成型
- 双色模
- 冲压加工
- 模流分析
- CAE 加工模拟



装配
- 连接器装配
- 线束装配
- 半成品装配

自动生产线
- 连接器装配与检测线
- 线缆线束装配与检测

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公司介绍

特点和优势

专业
- 基于量产的设计与研发服务
- 能参与电气电子的设计
- 可独立完成机械与外观设计
- 完备的供应链管理与服务
- 拥有丰富的连接器行业经验的团队

灵活
- 快速高效的样品开发能力
- 标准化和订制化的模具设计
- 3周内能完成从模具设计到量产的快速响应能力（标准化产品）
- 多款式，中小批量的生产能力
- “珠三角”完备的资源及成本效益管理

诚信
- 以客户满意度为追求
- 与供应商共同发展和进步
- 战略合作 互信共赢

9001:2015

14001:2015

IATF16949:2016

CERTIFICATE OF COMPLIANCE
Certificate Number： E516729
Report Reference：E516729-20200818
Issue Date 2020-AUGUST-19

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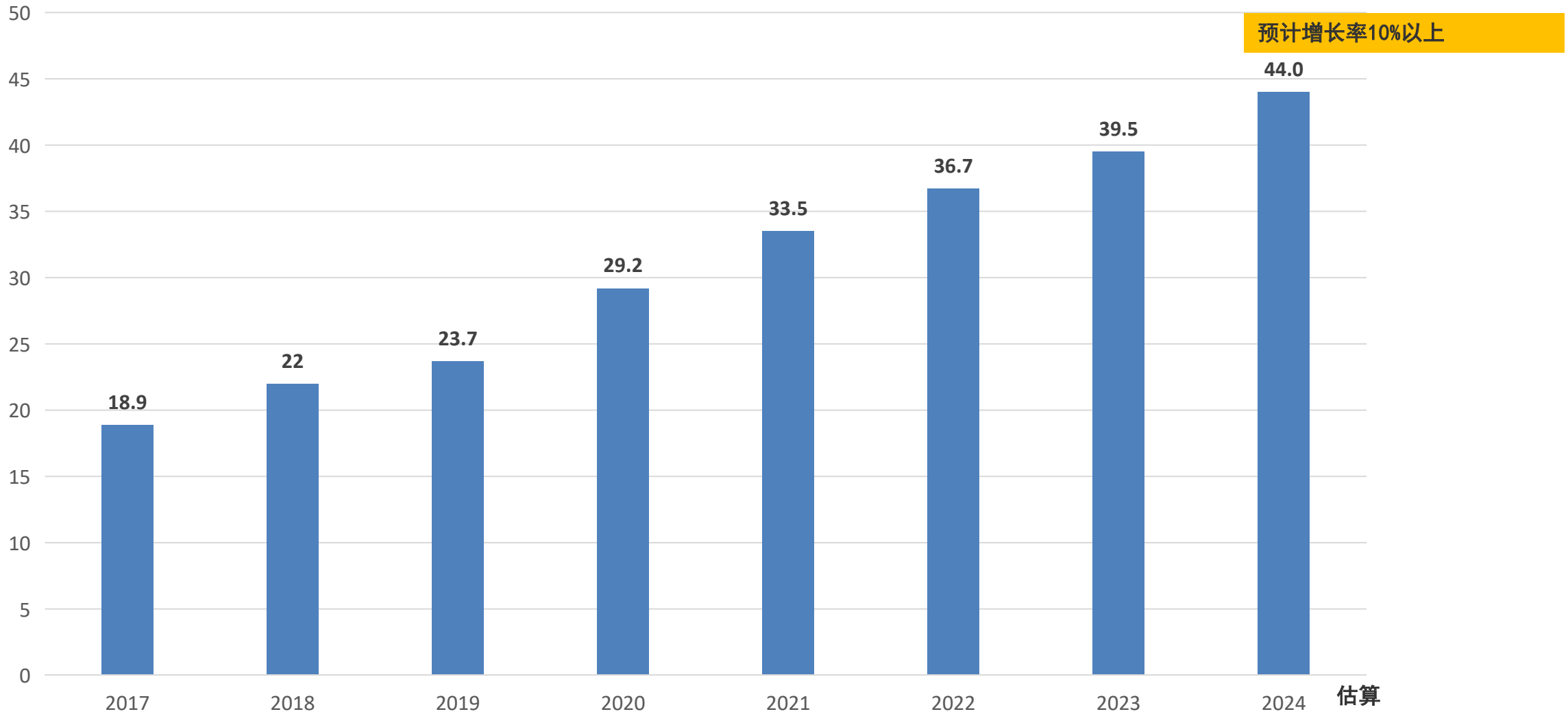
公司介绍

营收 (深圳 + 江西)

不包括夹治具和电镀

单位: 百万美元



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公司介绍

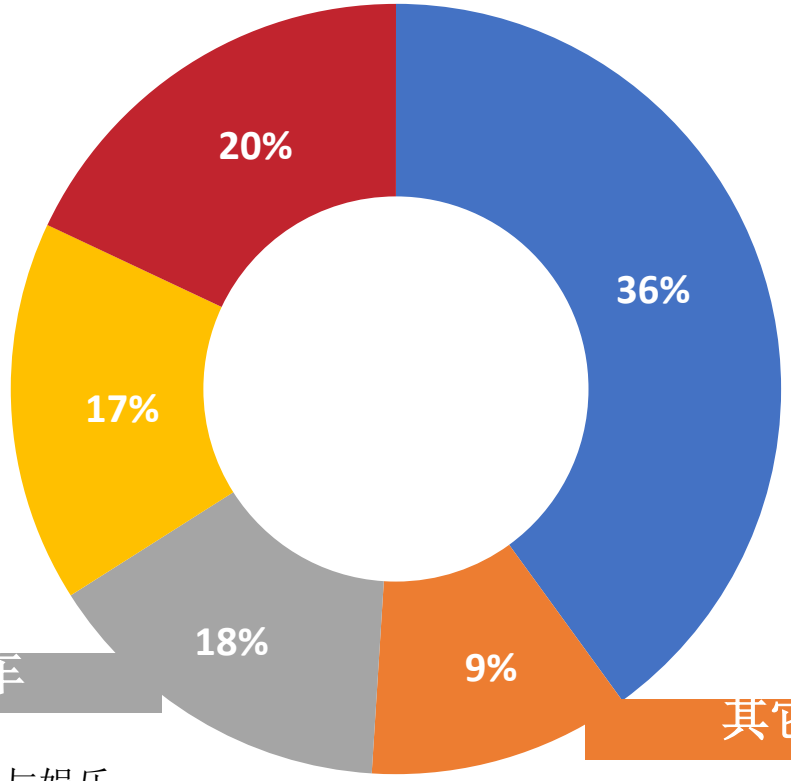
主要营收 事业群

工业

- 工业/高端仪器仪表
- 自动化与控制
- 建筑
- 灯饰

消费电子

- 移动终端
- 智能家居
- 电脑与周边设备
- 电视与机顶盒



通讯

- 大数据
- 云储存&云计算
- 天线
- 光纤网络

汽车

- 汽车应用
- 车载信息与娱乐
- 汽车摄像头

其它

- 健康与远程医疗
- 医疗设备
- 其它

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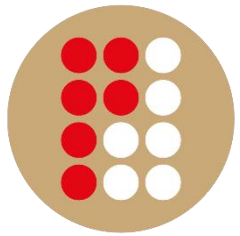
公司介绍
主要客户



preci-dip

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公司能力

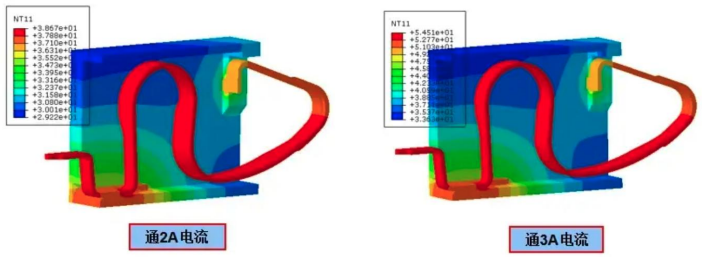
工程与研发

职位	数量
项目工程师	4
产品工程师	10
塑模设计工程师	6
冲压设计工程师	2
自动化工程师	6
AQP 工程师	4
制造工程师	9
检测工程师	4
研发团队合计	45

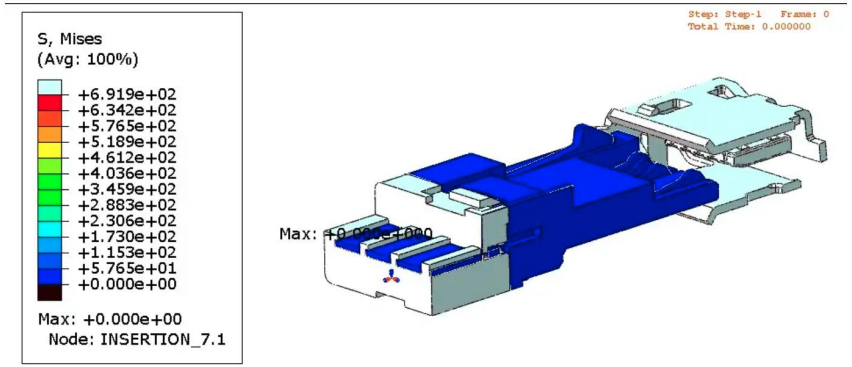
FTK的工程团队利用多年的连接器行业工作经验，在制造模具之前制作详细的DFM报告：

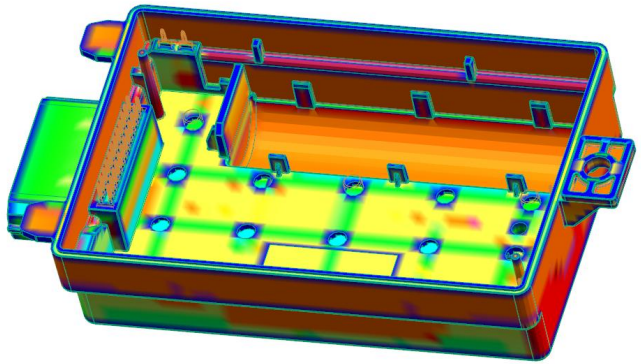
- 制造流程图
- 模具架构
- 模流分析
- 潜在风险的预测
- 建议的解决方案

3. 热性能分析



1. 结构分析





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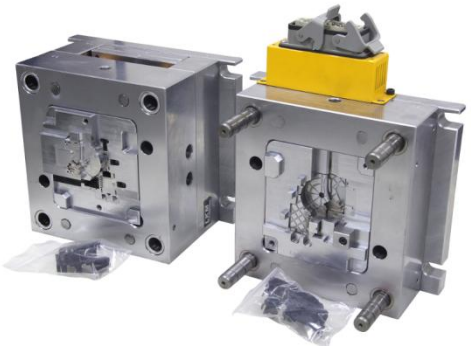
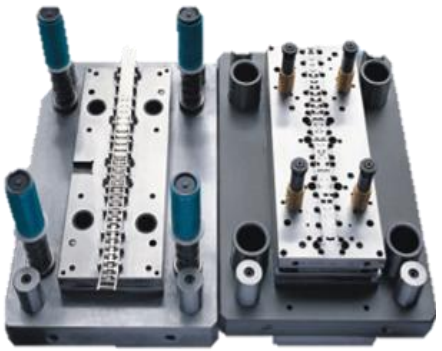
模具制造

类型	交货期 （周）	月产能 （套模具）
标准的连接器模具	1 - 4	10 - 15
汽车连接器模具	3 - 6	8-10
医疗产品连接器模具	4 - 5	3 - 5
模内成型 / 二次成型	3 - 5	12- 15
高速冲压模具	2 - 4	8 - 10





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模具机器设备

深圳工厂

Brand	Company of Origin	Tonnage	Model & Capability	Amount (Set)	
				Amount	Total
Fanuc	Japan	50T	S-2000i50A,S-2000i50B, α-S50iA,Ø 26mm	5	34
Fanuc	Japan	100T	α-S100iA, S-2000i100B, Ø 30mm	11	
Fanuc	Japan	150T	S-2000i150B, Ø 32mm	1	
Sumitomo	Japan	50T	SE50DU C75, Ø 26mm	2	
Nissie	Japan	50T	NEX 50Ⅲ, ø 26mm	2	
Nissie	Japan	80T	NEX 80Ⅲ, Ø 28mm	1	
Sodic	Japan	30T	55V, Ø 28mm	2	
Multitech	Taiwan	55/85T	V55S-M, ø 26mm	5	
Taiwang	China	50T	Vp-50K, Vs-50 , Ø 26mm	3	
Haitian	China	300T	MA3000,ø 38mm	1	
Haitian	China	250T	MA2500, ø 3mm	1	

江西工厂

Brand	Company of Origin	Tonnage	Model & Capability	Amount (Set)	
				Amount	Total
Fanuc	Japan	50T	S-2000i50A,S-2000i50B, α-S50iA,Ø22mm	2	19
NIIGATA	Japan	100T	α-S100iA, S-2000i100B,Ø **30mm**	9	
NIIGATA	Japan	100T	α-S100iA, S-2000i100B, Ø **28mm**	1	
NIIGATA	Japan	100T	α-S100iA, S-2000i100B, Ø **28mm**	1	
Toyo	Japan	50T	Si 50V Cs, Ø **20mm**	1	
Multitech	China-Taiwan	85T	V85S-M, Ø **22mm**	2	
Taizhong	China-Taiwan	50T	Vp-50K, Vs-50 , Ø 26mm	1	
Taizhong	China-Taiwan	80T	Vs-80S, Ø 22mm	1	
Haitian	China	120T	MA1200, Ø **36mm**	1	

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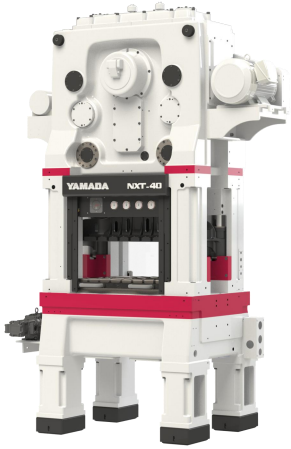
预定安装新机器

序号	种类	品牌	描述	数量
1	Injection molding machine	Fanuc	ROBOSHOT ALPHA-S30iA 射出速度:525mm/s ϕ18	2
2		Fanuc	ROBOSHOT ALPHA-S100iB 射出速度:550mm/s ϕ28	3
3		Fanuc	ROBOSHOT ALPHA-S100iB 射出速度:550mm/s ϕ32	3
4		Fanuc	ROBOSHOT ALPHA-S50iB 射出速度:550mm/s ϕ22	2
5		NISSEI	TH4O E2VE 射出速度:500mm/s ϕ22	3
			Total	13

序号	种类	品牌	描述	数量
1	Stamping Machine	Yamada	NXT-40, 1000 SPM	2
		Yamada	MXM 1200 SPM	1
2		Kyori	SS3 900 SPM	1



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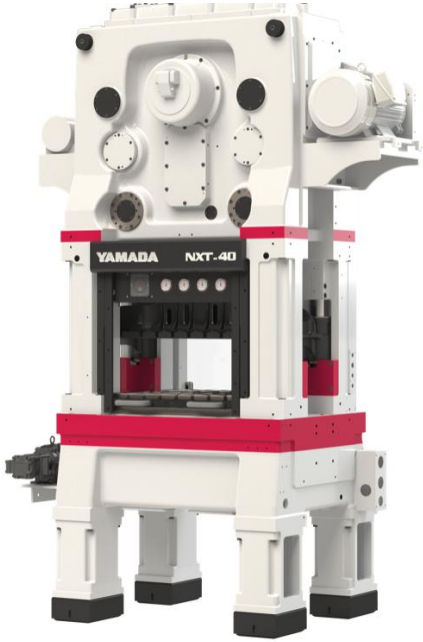
18								
19	1	Stamping	Yamada	Japan	30T	CD 25-35,Stoke No.200-1000 S.P.M	1	17
20	2		Yamada	Japan	40T	CD 25-35,Stoke No.200-1000 S.P.M	2	
21	3		Kyori	Japan	25 T	H45DB,Stoke No.200-800 S.P.M	1	
22	4		Micron	Taiwan	25 T	CD 25,Stoke No.200-800 S.P.M	2	
23	5		Micron	Taiwan	30 T	H30DB,Stoke No.200-1000 S.P.M	2	
24	6		Micron	Taiwan	40 T	C40,Stoke No.200-800 S.P.M	1	
25	7		Taijishan	China	25 T	TJS-25,Stoke No.200-600 S.P.M	4	
26	8		Youth	China	40 T	YSC-40,Stoke No.200-600 S.P.M	1	
27	9		Kingfeng	Taiwan	110 T	OCP-110N,Stoke No.50-100 S.P.M	1	
28	10		Xieduan	China	110 T	APC-110,Stoke No.50-100 S.P.M	2	



NXT-40

能力

冲压设备

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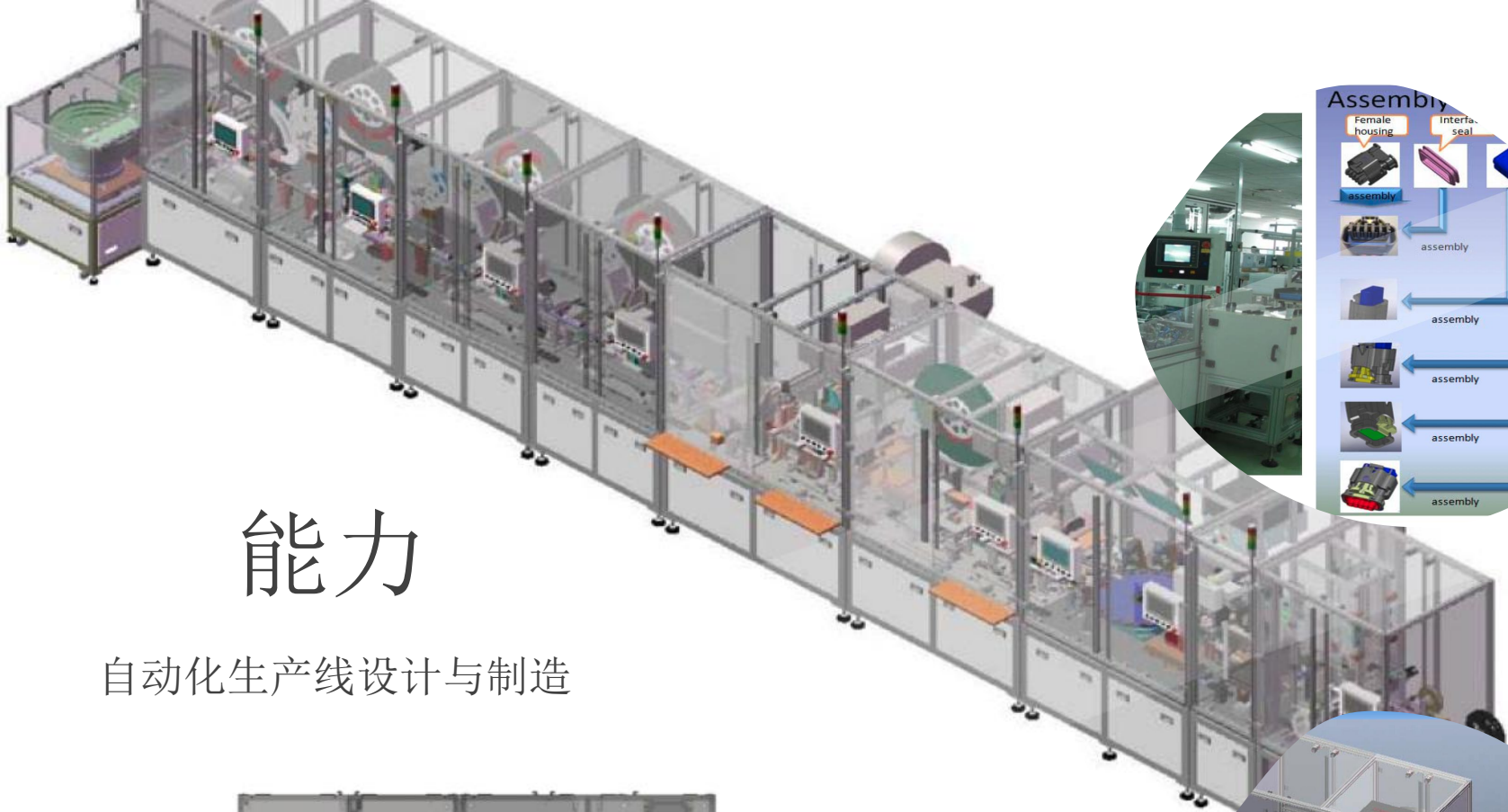
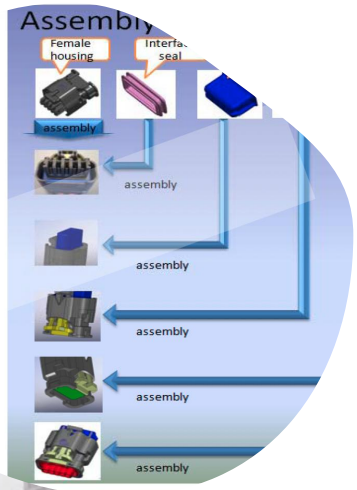
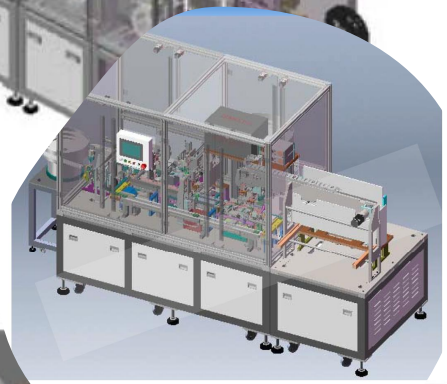
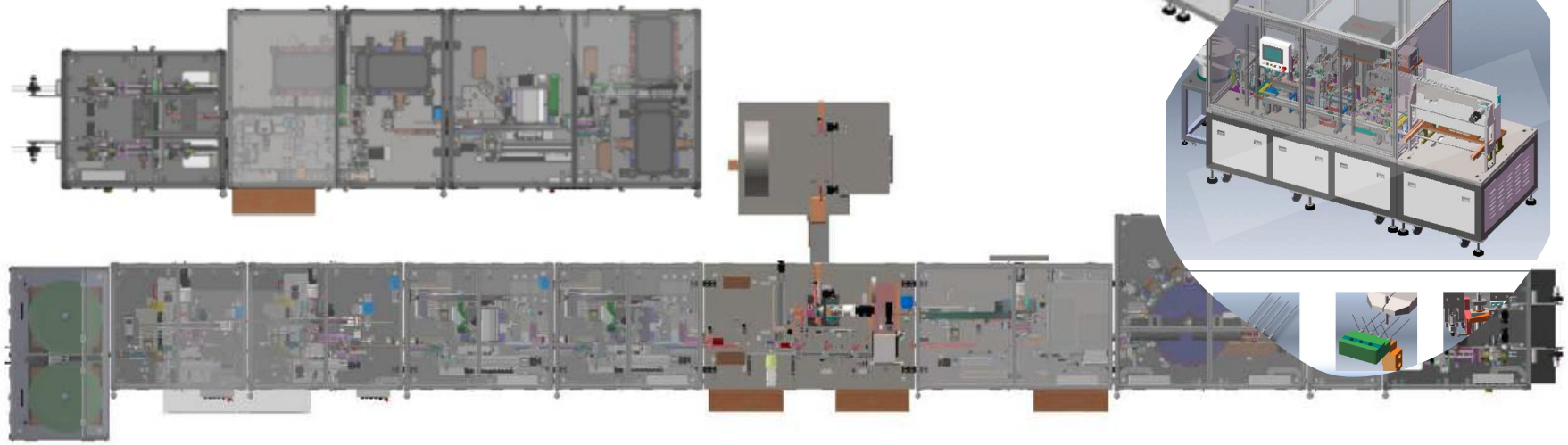
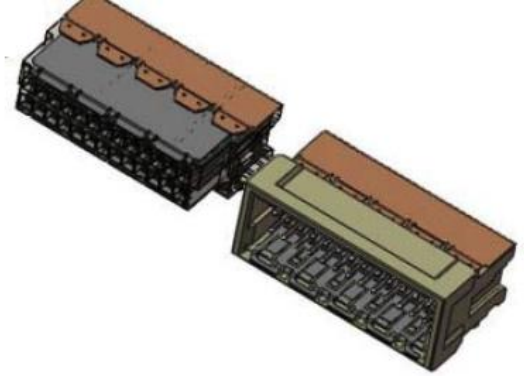
自动化生产线设计与制造











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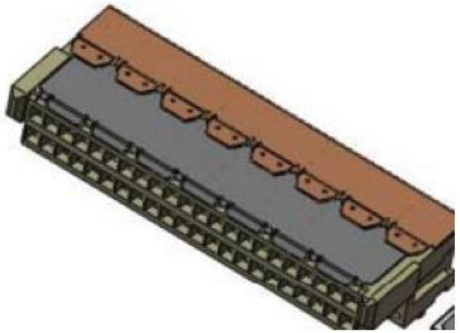
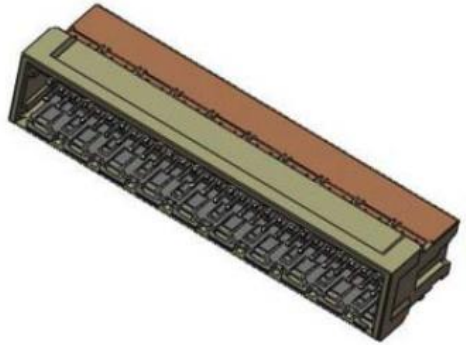


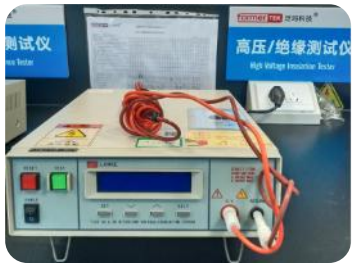
56P



Capabilities

Quality - Measurement/Test Equipment

绝缘电阻测试仪



高压测试仪

硬度计

盐雾试验机

恒温与湿度测试箱

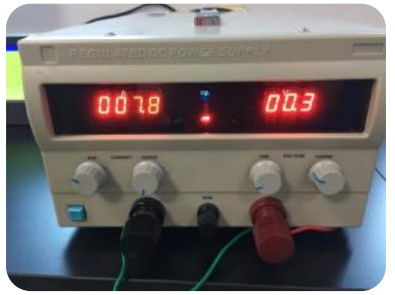
轮廓投影仪

色差仪

保持力测试仪

熔体流动指数测试仪

端子段面分析仪



温升仪

三次元

激光透射率测量机

电镀膜厚测试仪

震动测试仪

高频网络分析仪

环保测试仪

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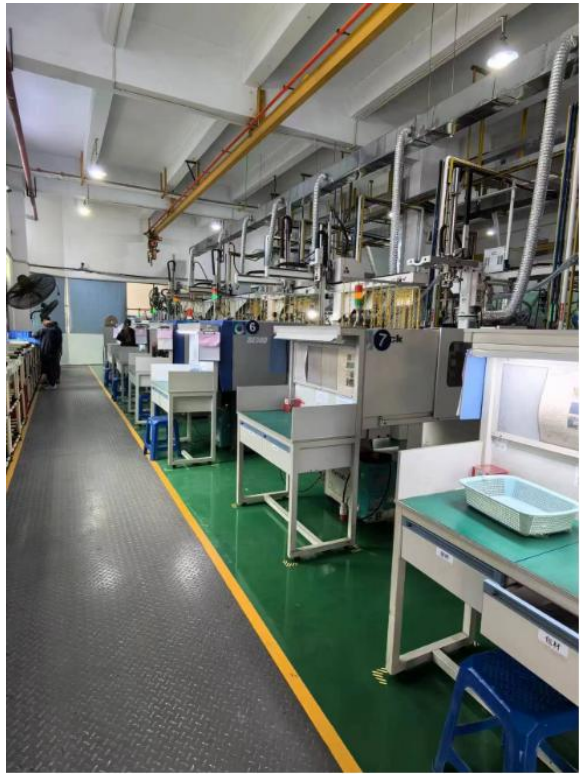
精密注塑车间
PRECISION MOLDING WORKSHOP



通用注塑车间
REGULAR MOLDING WORKSHOP

洁净注塑车间
Clean Molding Workshop

注塑模具车间

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冲压模具车间

NXT-40

连接器装配车间

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线束装配车间

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模具生产车间

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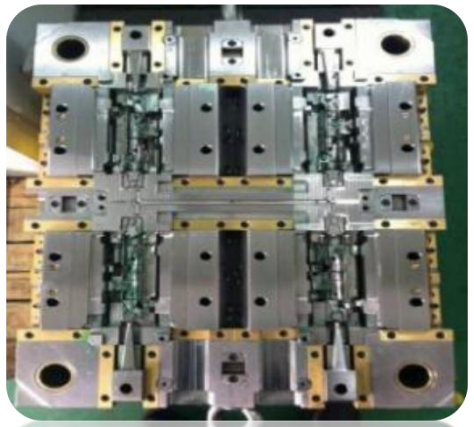

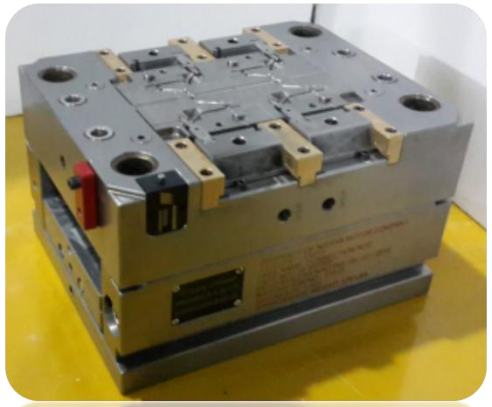

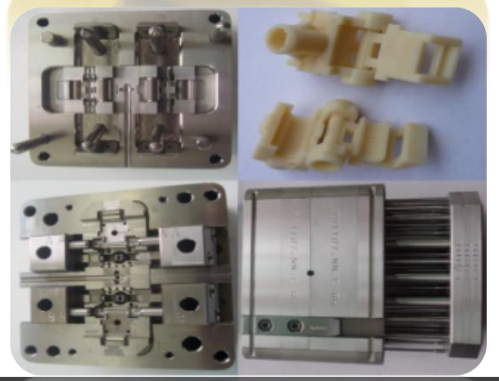

模具样品

塑胶模具

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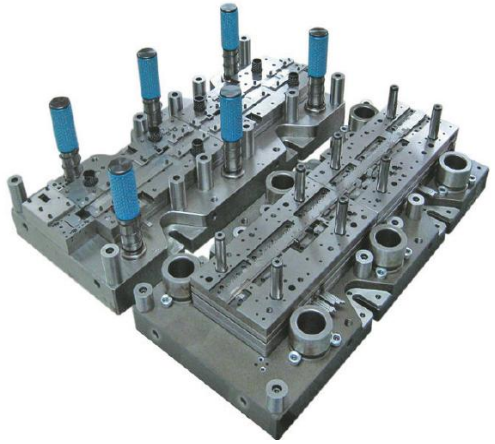
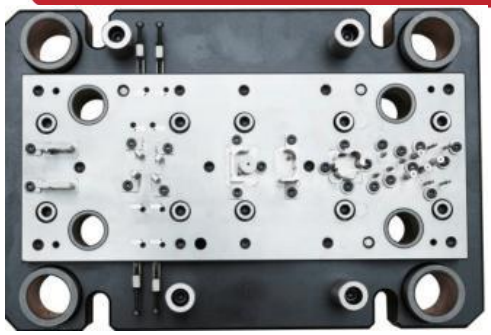
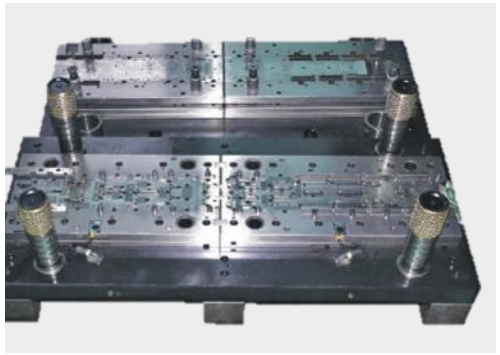
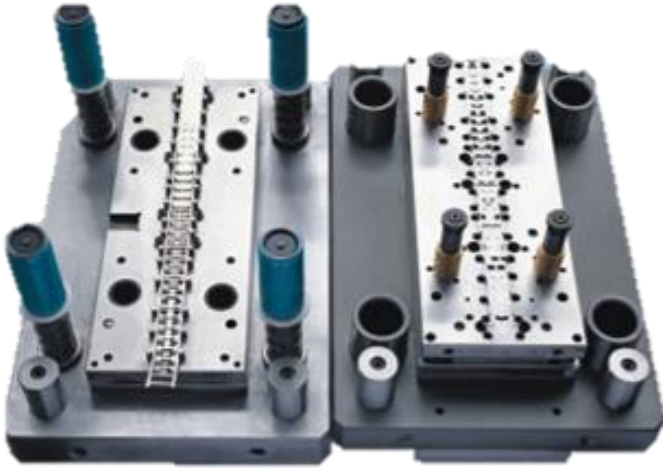






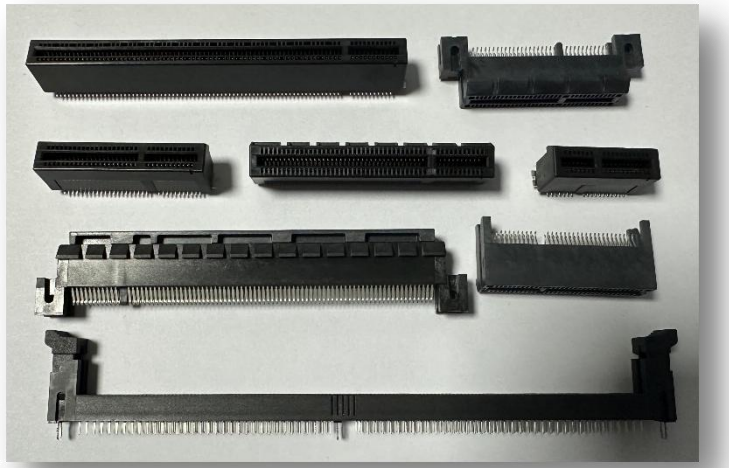


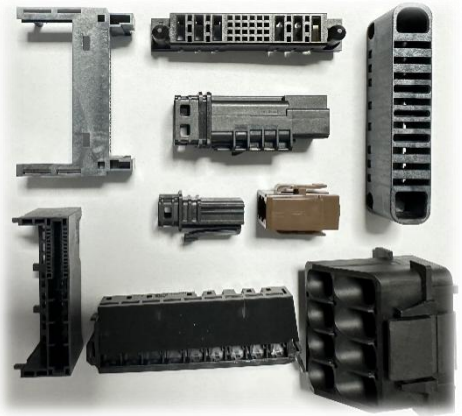
模具样品

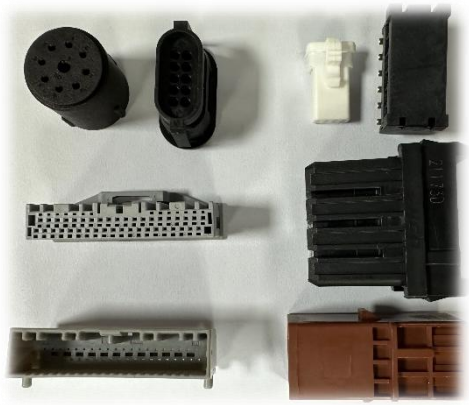
高速冲压模具

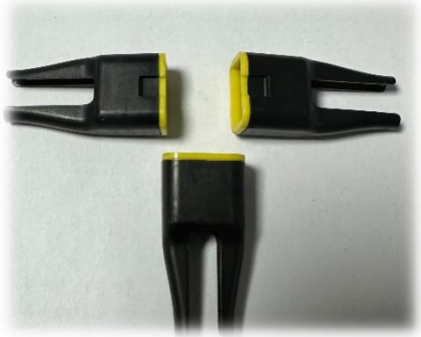
产品样品

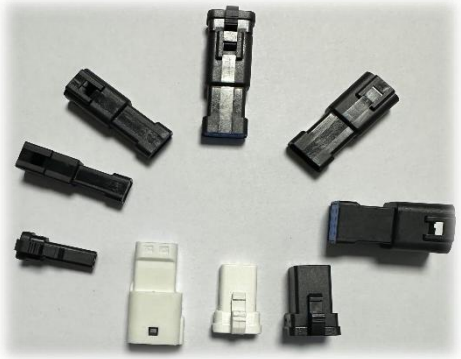
工业和消费电子类

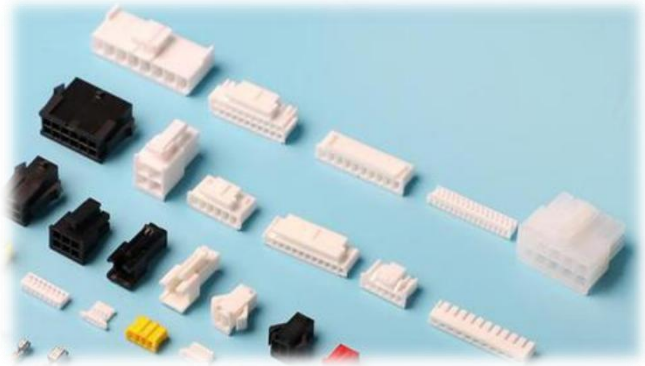


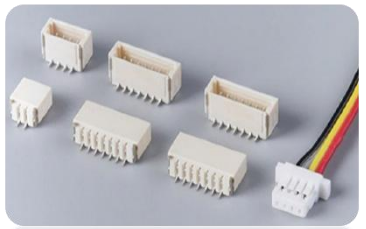












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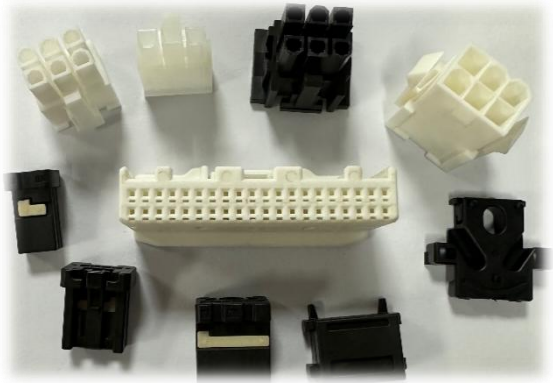
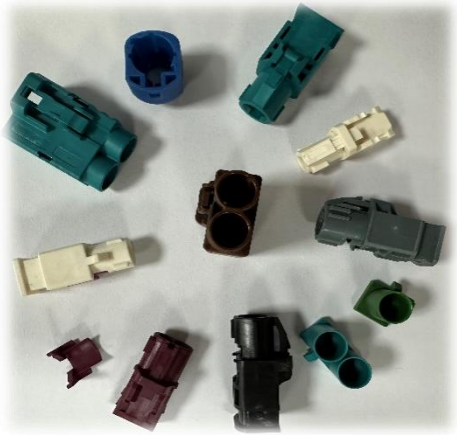
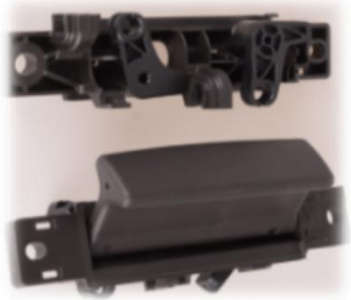
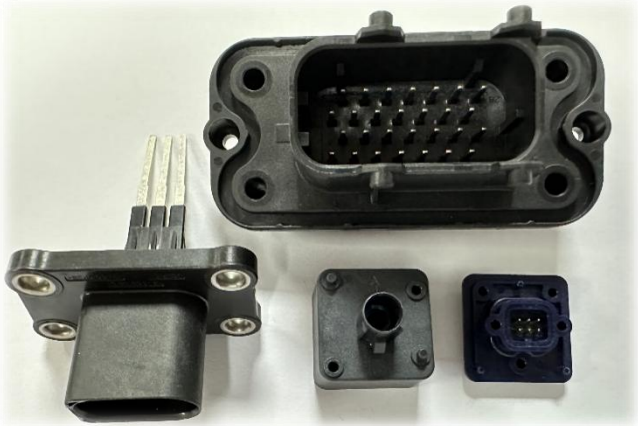
产品样品

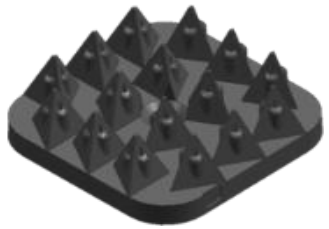
新能源汽车类











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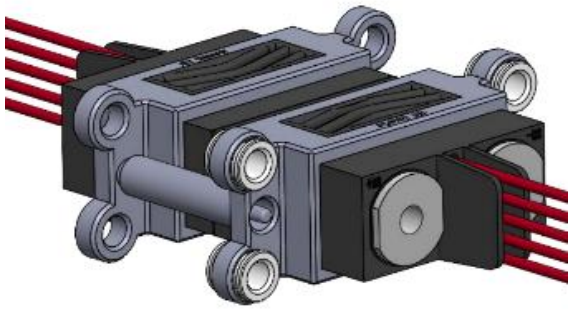
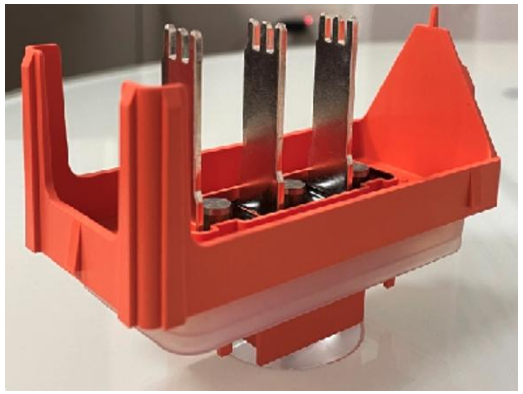
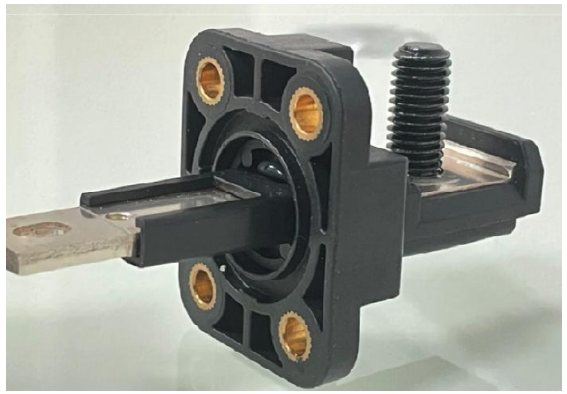
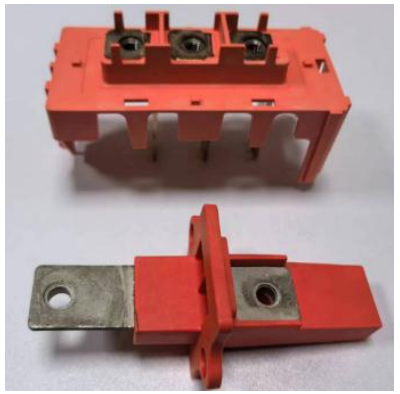
产品样品

新能源与储能类



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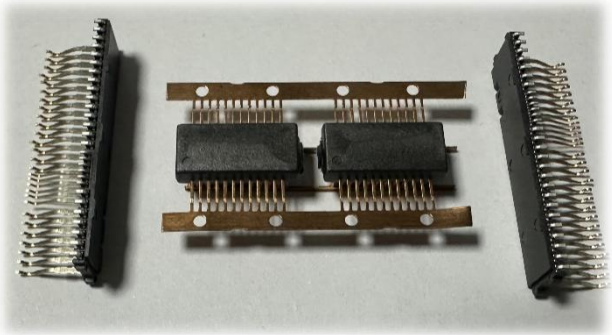
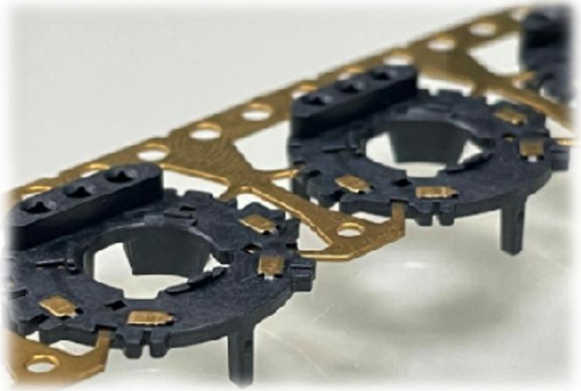
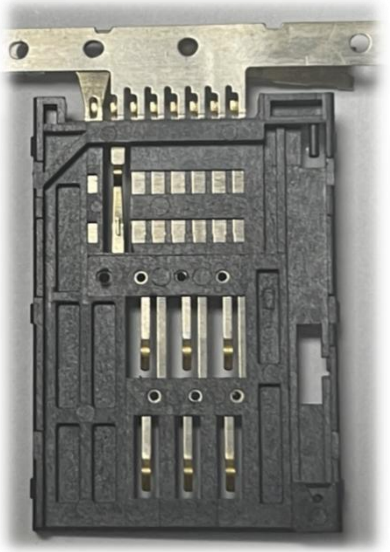
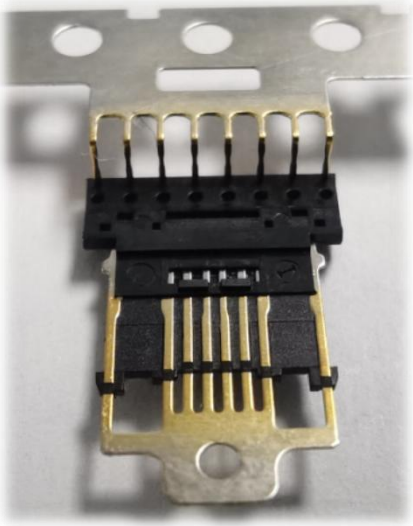
产品样品

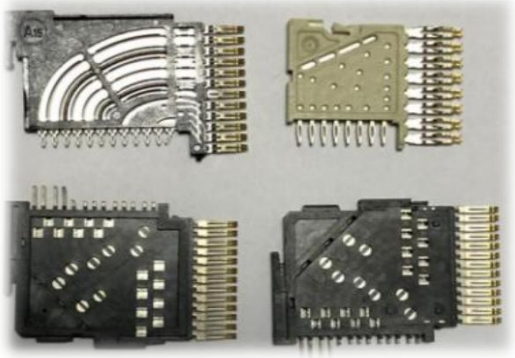
模内成型 / 二次成型类

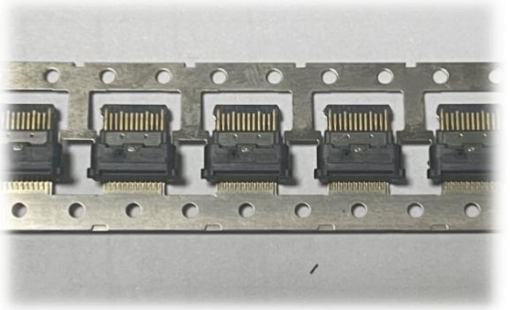












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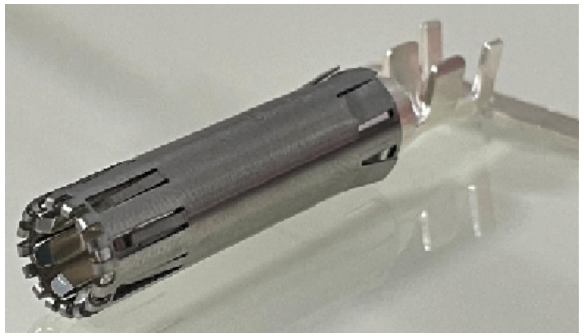
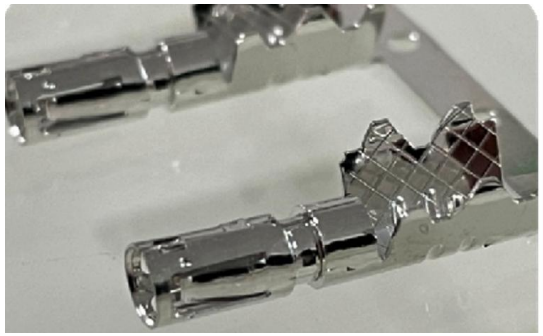
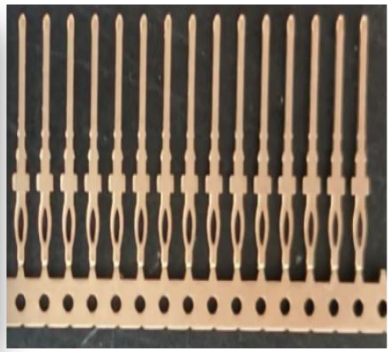
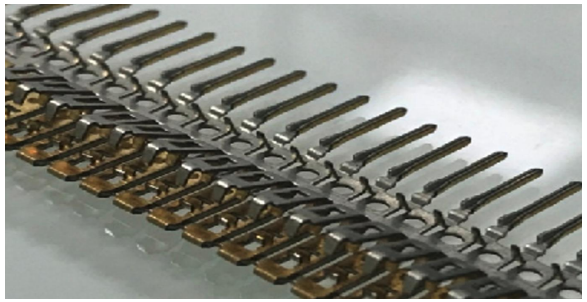
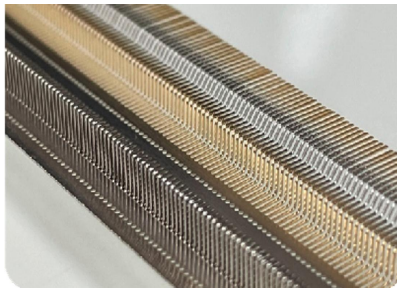
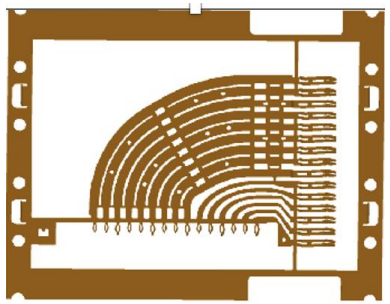
产品样品

冲压零件类





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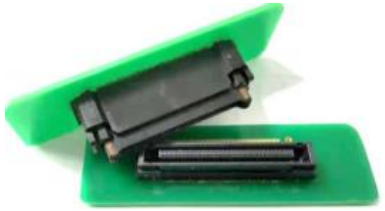
产品样品

BTB 板对板端类



item	Type Spec.	Product Photo	Transmission rate	Customer PN
BTB 0.4 Pitch	Intermatching height 1.5mm (pitch=0.4mm)-Receptacle		16G	
	Intermatching height 2.0mm (pitch=0.4mm)-Receptacle		16G	
	Intermatching height 2.5mm (pitch=0.4mm)-Receptacle		16G	
	Intermatching height 3.0mm (pitch=0.4mm)-Receptacle		16G	
	Intermatching height 3.5mm (pitch=0.4mm)-Receptacle		16G	
	Intermatching height 4.0mm (pitch=0.4mm)-Receptacle		16G	
	Intermatching height 1.5mm (pitch=0.4mm)-Plug		16G	
	Intermatching height 2.0mm (pitch=0.4mm)-Plug		16G	
	Intermatching height 2.5mm (pitch=0.4mm)-Plug		16G	
	Intermatching height 3.0mm (pitch=0.4mm)-Plug		16G	
	Intermatching height 3.5mm (pitch=0.4mm)-Plug		16G	
	Intermatching height 4.0mm (pitch=0.4mm)-Plug		16G	
BTB 0.5 Pitch	PCI Express Gen 3 Card Edge Assy 98P(THT)		3.2G	
	PCI Express Gen 3 Card Edge Assy 164P(TH)		3.2G	

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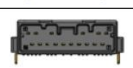
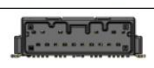
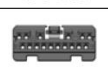
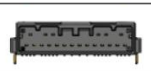
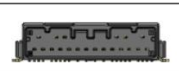
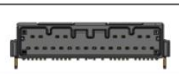
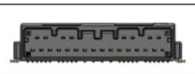
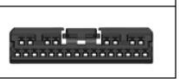
产品样品

WTB 线对板端类

pin数	板端		线端	
	补强Dip式	补强SMT式	线端双边	线端单边
2				
4				
5				
8				
12				
16				
20				
24				

UT11-线对板卧式系列

Pin数：2.4.5.8.12.16.20.24

特性：SMT卧式、低背耐振、耐高温

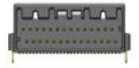
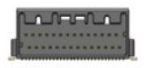
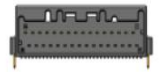
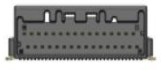
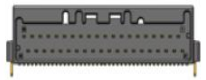
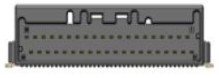
BMS/PACK/ECU/车灯等
供电传输及关联信息等采集

UT12-线对板卧式系列

Pin数：24.28.32.36.40

特性：SMT卧式、窄宽、高密度针体

BMS/PACK/ECU/车灯等
供电传输及关联信息等采集

pin数	板端		线端	
	补强Dip式	补强SMT式	线端双边	线端单边
24				
28				
32				
36				
40				

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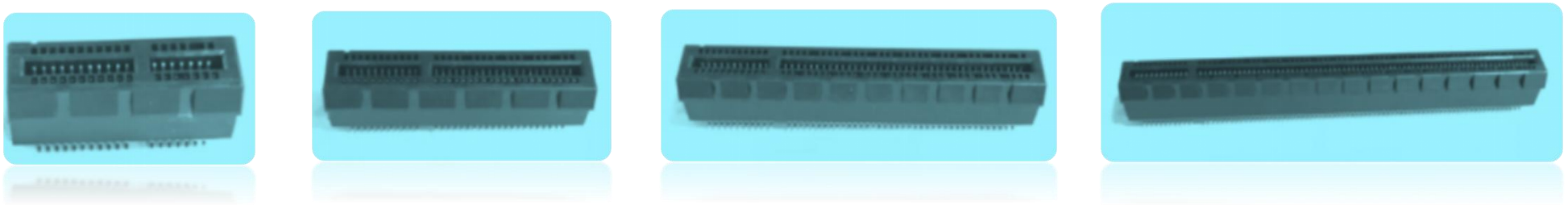
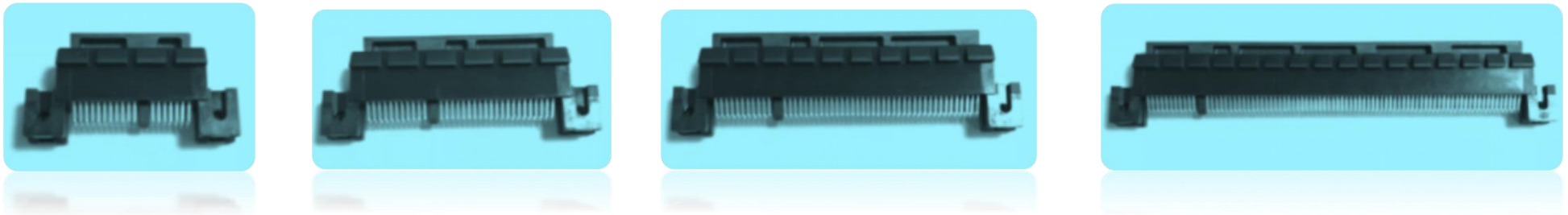
产品样品

大数据与消费电子类

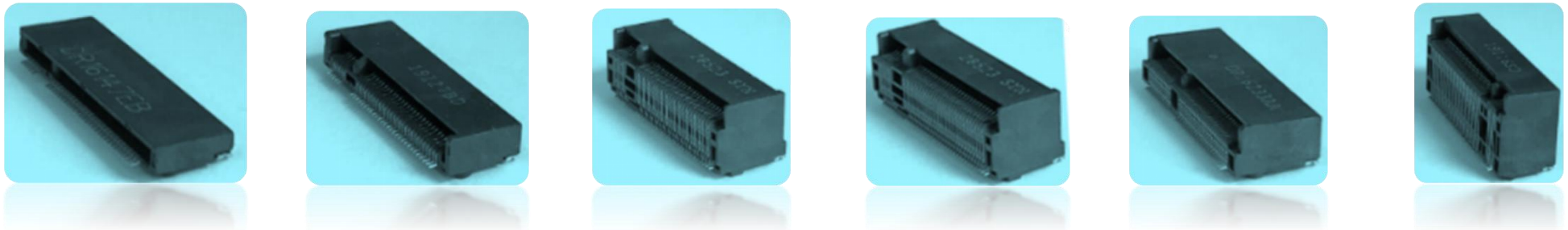
PCI E Series



PCI E Series



M.2 Series



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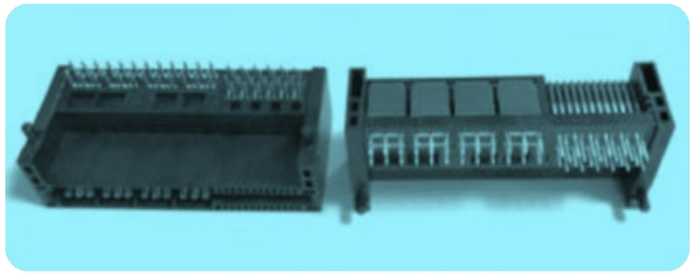
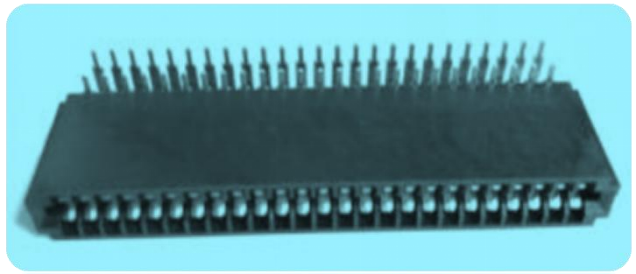
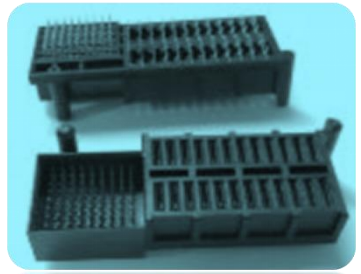
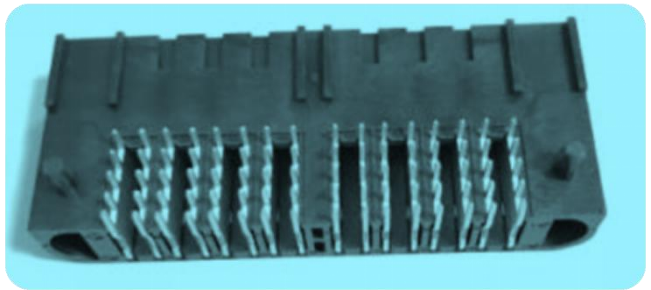
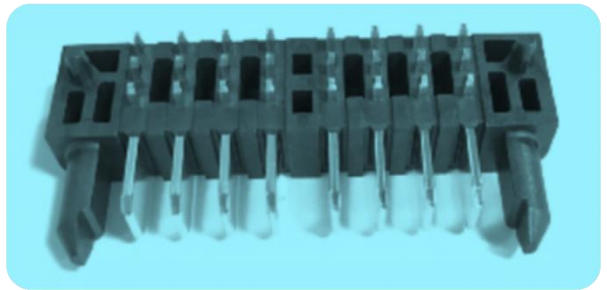
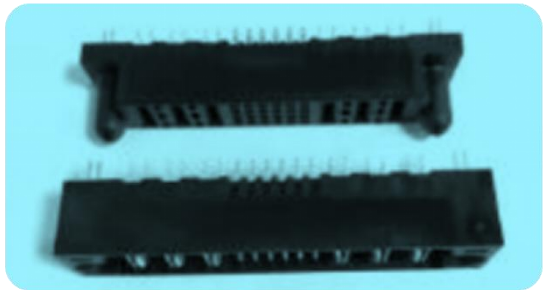
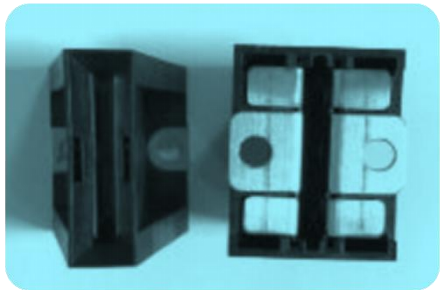
产品样品

电源与新能源类

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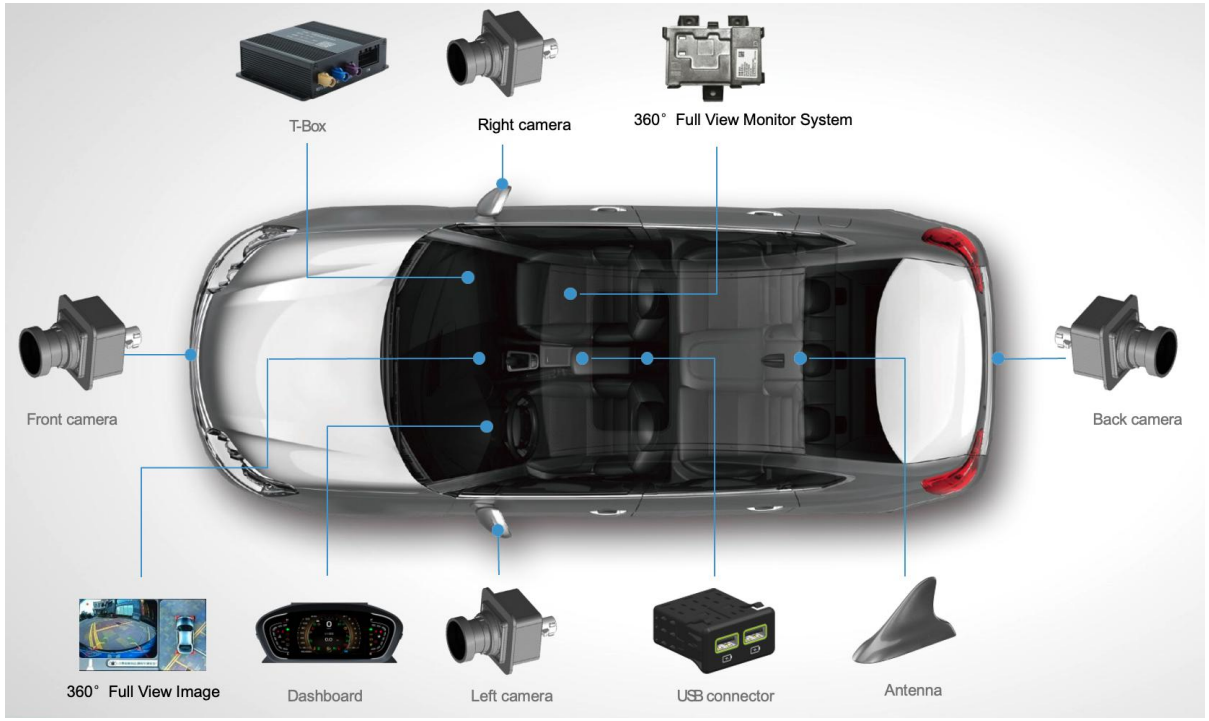
产品样品

汽车高速数据连接器+线束

产品系列:

- FAKRA
- Mini-FAKRA
- SMB
- HSD
- Ethernet/以太网
- Interface/界面
- USB
- Type C



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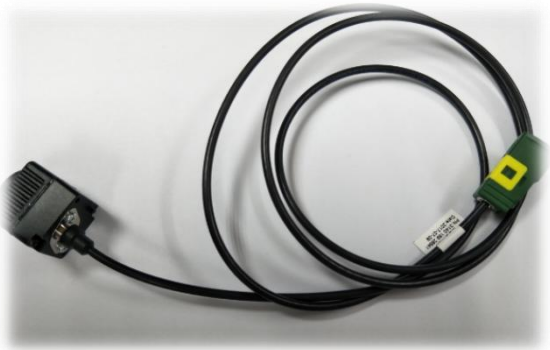
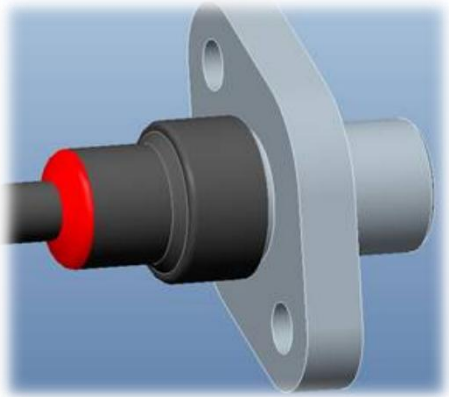
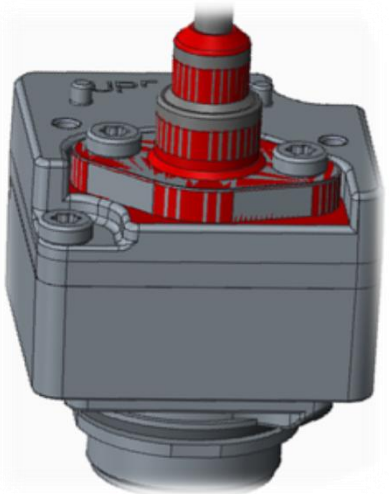
产品样品

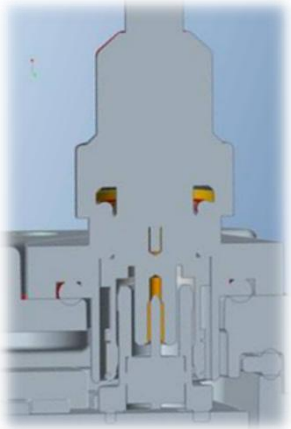
汽车全方位车身影像解决方案

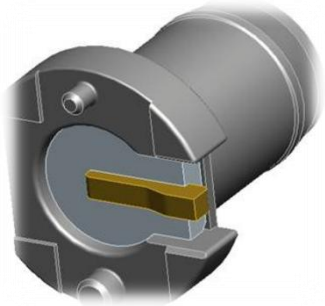
Design
SAE/USCAR-2











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产品样品

防水线束及连接器

类型	描述
插头	2位微型防水连接器
插头	2位微型防水连接器
插头	3位微型防水连接器
插座	3位微型防水连接器
插头	4位微型防水连接器
插座	4 位微型防水连接器
插头	4位微型防水连接器
插座	4位微型防水连接器
插头	6位微型防水连接器
插座	6位微型防水连接器
插头	8位微型防水连接器
插座	8位微型防水连接器
母头端软	微型防水连接器端子
公头插针	微型防水连接器端子

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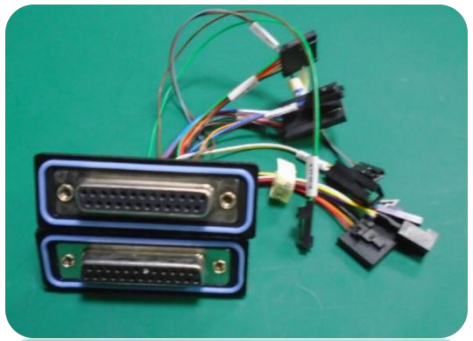
产品样品

工业线缆与线束



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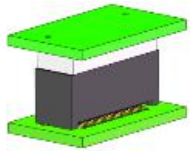
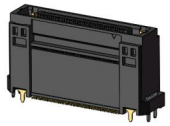
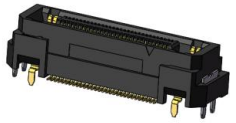
技术路线图

高度精密
连接器

自动高速
连接器


Floating BTB

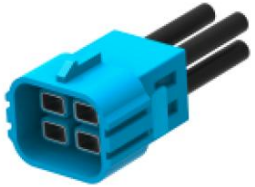
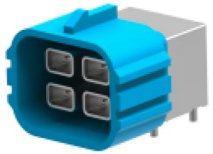


0.5 Pitch (浮动XY 0.6 Z1.2） 8G

16G

BMS UT WTB 3A/250V

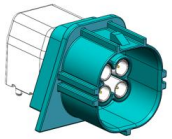
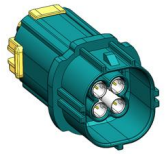
BMS ISH 4.5A/250V

MINI Fakra 20G

Ethernet

Mini Fakra



防水MINI Fakra

2023 2024 Q1 2024 Q2 2024 Q3 2024 Q4 2025 Q1 2025 Q2

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供应链

江西工厂

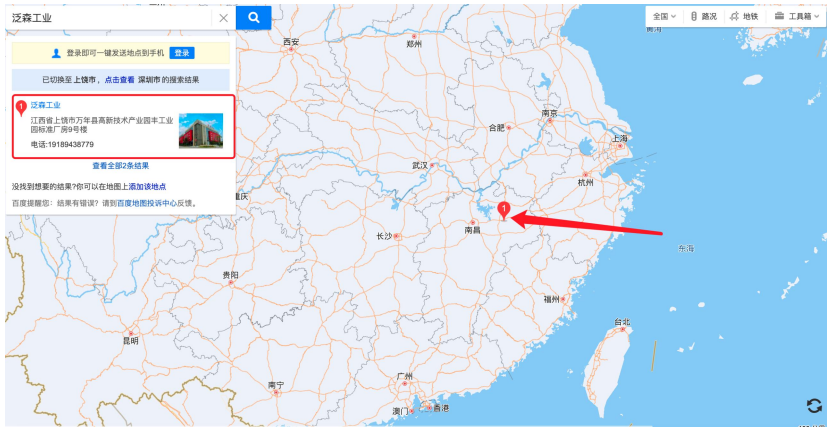
成立日期: 2020年6月

面积: 12,000 m²

员工数量： 85人

能力: 注塑、冲压、线束及连接器装配

主要证书: ISO 9001 & ISO 140001& IATF 16949 管理体系认证证书



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江西工厂车间

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供应链

电镀工厂

公司名称: 惠州益特表面处理技术有限公司

莫仕全球供应商资质：2022年10月
泰科DND 全球供应商资质：2022年12月
安费诺 & FCI 供应商资质：2022年10月
ISO 9001 &14001 and IATF 16949 管理体系认证证书.

能力:

- 卷对卷电镀（滚镀）
- 高膜厚 (>5 μm) 镀金
- 电镀材料: 银, 钯镍, 镍，锡，金。

- **阶段**
- **阶段 1: 6 条电镀生产线，超过70米长。**
- **阶段 2:** 10条电镀生产线 (2024年第3-4季度增加4条）

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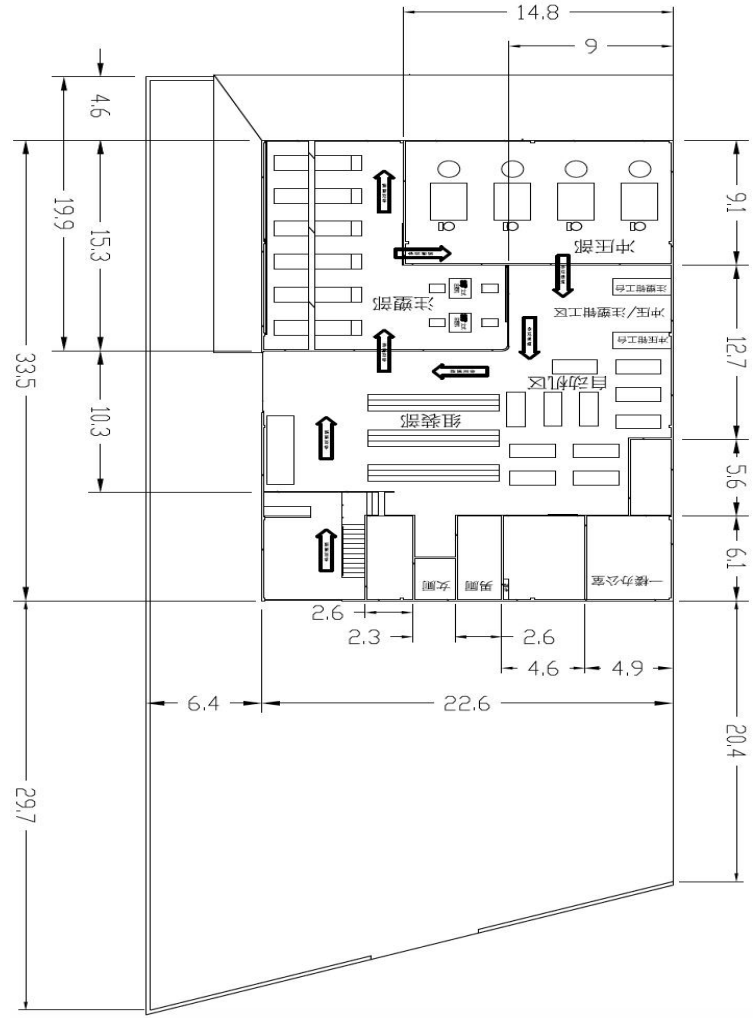
供应链

马来西亚工厂 (中国+)

2024 第4季度 (阶段 1, 投资金额 2.50百万美元)

NO	Machine	Brand	Company of Origin	Tonnage	Model & Capability	Amount (Set)	
						Amount	Total
1	Molding	NISSEI PLASTIC INDUSTRIAL CO., LTD.	Japan	40T	Nissie TH40E Ⅲ	2	Phase I
2			Japan	50T	Nissie NEX 50Ⅲ	2	
3			Japan	80T	Nissie NEX 80Ⅲ	1	
4		FANUC CORPORATION	Japan	100T	Fanuc S2000 i100B	1	
5			Japan	100T	Fanuc a-s100iA	2	
1	Stamping	Kyori/Yamada	Japan	30 T	1200SPM	1	
2		Kyori/Yamada	Japan	40 T	1000SPM	2	
3		Kingfeng/Mingxu	Japan	60T/110T	60-300SPM	1	
1	Assembly Line	Manul line	China	N/A	Independent development	6	
2		Semi-Autoline	China	N/A	Independent development	5	
3		Automated Line	China	N/A	Independent development	10	

Factory Layout



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Thank You

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