



深圳富明精密工业有限公司

Shenzhen Forman Precision Industry Co.,Ltd.

Our Core Value:

Focus on customer,

Valuing contributors,

Always going the extra mile!





About us

Shenzhen Forman Precision Industry Co., LTD is a leading and experienced manufacturing vendor, dedicated to the development of metal and plastic parts. For over 20 years, we have specialized in the design and production of connectors and cable assemblies. Our market spans the automotive, new energy, industrial automation, and medical devices sectors.

We are certified by ISO 9001, ISO 14001, ISO 45001, IATF 16949, and ISO 13485, and we are also a member of the USB Association, with UL and TUV certifications.

Our goal is to provide a unique service experience and add value for our customers through end-to-end management. We take pride in our reputation for being fast, flexible, and customer-focused.





Our core values

- **Focus on customer**

Understanding and meeting customer need is our company's duty. We continuously improve our product research and development, manu-facturing processes, and management capabilities to better serve our customers and maintain an unbeatable position in the competition.

- **Valuing contributors**

Strive to optimize our company's various management and incentive systems, so that contributors who can better serve customers and continuously improve the company's capabilities can receive better respect and welfare benefits.

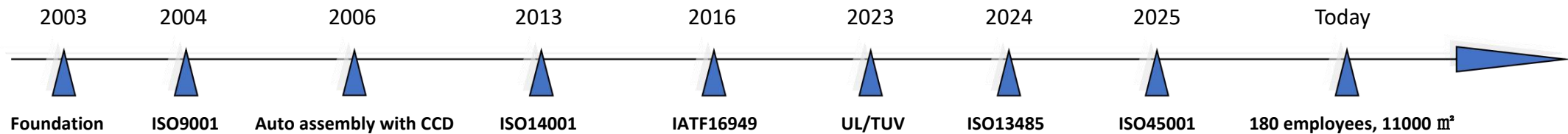
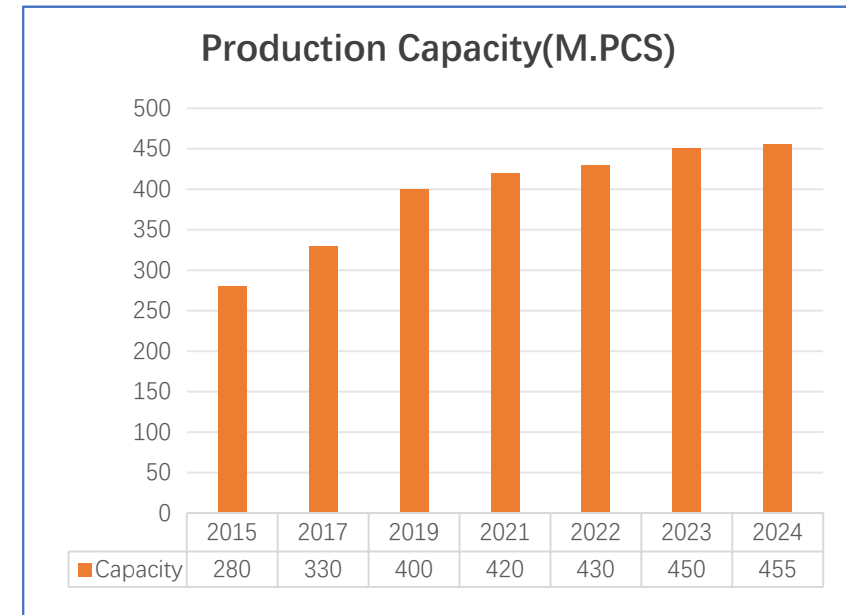
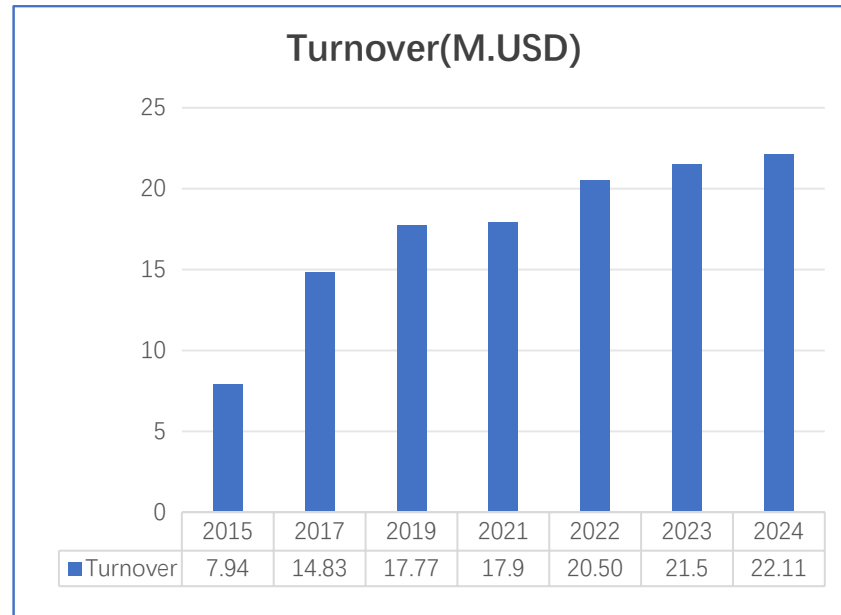
- **Always going the extra mile!**

We always try our best to serve every customer anytime.





Company Developments

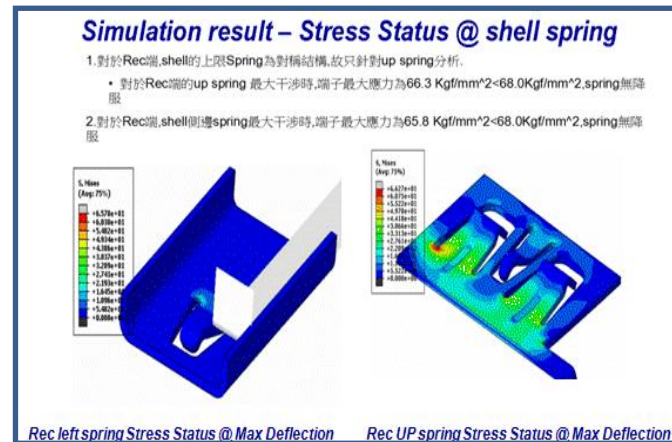




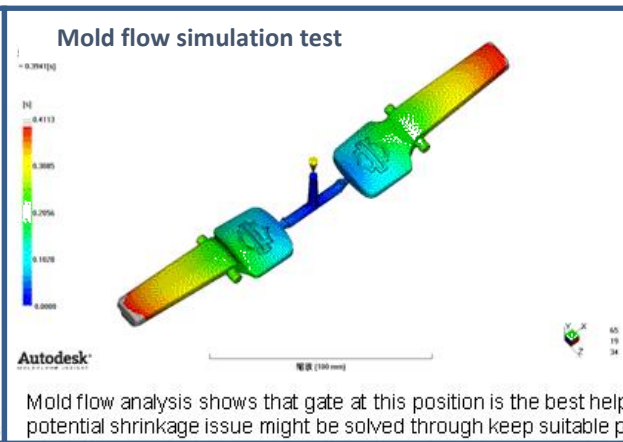
Product Design and Tooling Development

- Have 15 production/tooling engineers who have more than 10 years professional experience.
- Develop software - PROE, AutoCAD
- Process Validation Tool -APQP, PPAP, FMEA, SPC, MSA
- Develop Simulating software : Part Design, Tooling Design, Rating Testing

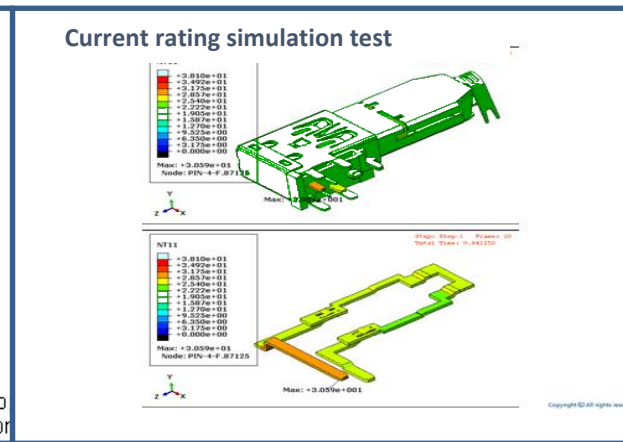
Part Design simulation



Tooling design simulation



Rating test simulation





Workshops & Equipments

Tooling Machining Workshop



Stamping Workshop



Plastic Injection Workshop



CNC Workshop



Auto Assembly Workshop (with CCD)



Wire Harness Workshop



Dust-free Workshop





Workshops & Equipments

Equipments List

Exsiting Machines of Tooling Workshop							
Name	Model	Brand	QTY	Name	Model	Brand	QTY
WEDM	M50B	SeiBu(Japan)	1set	Grinder	614S	HYFAIR(TW)	11sets
WEDM	AQ560LS/400L	Sodick	3 sets	Big Grinder	KG-S-306AH	HYFAIR(TW)	2sets
EDM	M30F	ARD	3sets	Grinder	JL614	Zhun Li(TW)	3sets
Wire Cut	H-CUT 40F	Lian Gao (SZ)	3 sets	Grinder	JL614	Yu Qing(TW)	2sets
Milling machine	16SS	KUNMING (TW)	1set				

Exsiting Machines of Injection Molding Workshop							
Name	Model	Brand	QTY	Name	Model	Brand	QTY
Horizontal injection molding machine	80T-180T	NISSEI/JAPAN	12	Vertical injection molding machine	40T	NISSEI/JAPAN	3
	80T-110T	Zhongtai /(TW)	5		55T	Baisu /(TW)	12

Exsiting Machines of Metal Workshop			
Name	Model	Brand	QTY
High-speed Stamping	40T	YAMADA/JAPAN	1
High-speed Stamping	40T	KYORI /JAPAN	1
High-speed Stamping	45T~80T	MICRON/(TW)	15
High-speed Stamping	80T-200T	SEYI(TW)	1
CNC SWISS TYPE AUTOMATIC LATHE	SR-32 JM TYPE N	JAPAN	1
CNC Machine	SB-20R TYPE G	JAPAN	1
CNC Machine	B0126-V	Tsugami(China)	1
Four-pin cutting machine	-	-	1





Workshops & Equipments

Machine List

Exsiting Machines of Auto Assembly Workshop					
Name	Brand	QTY	Name	Brand	QTY
Automatic Machine with CCD	-	81	Plastic Injection Molding Machine	CY-200-4ST103D	3
Automatic Machine with Packing and CCD	-	1	Wire Winding Machine	-	1
Fully Automatic wire Stripping and Cutting Machine	WG-9850	1	Pneumatic Crimping Pliers	-	2
Servo Large Square Crimping Machine	WG-645	1	Pneumatic Four-axis Crimping Tool	YJQ-W2Q	1
Hexagonal Free Die for Crimping Machine	WG-645	2	Soldering Machine		2
Hexagonal Mold-free	17MM	4	Silent Copper Belt Machine	WG-1.8T	1
Computer wire Cutting and Stripping Machine	WG-2004	1	Pneumatic Peeling Machine	330	1
Computer Cutting Machine	DPS-100Q	1	CNC Terminal Machine	C3-3.5A	2
Line Sequence Tester	HRT-N3	1	Servo Stripping and Terminal Crimping Machine	C6-2.5S	2
Core wire stripping machine	3F	2	Core wire Cutting Machine	3FQ	1
Fully Automatic Wire Cutting, Stripping, Crimping, and Tin-dipping Integrated Machine.	-	1			





Quality Assurance

Major test and
measuring instruments

Electricity



Dimension



Environment



Mechanic





Quality Assurance

Test and measuring equipments list									
Purpose	Description	Model	Brand	Qty	Purpose	Description	Model	Brand	Qty
Mechanics	Computer servo system tensile testing machine	XM-SFC0002	Xiangmin	1	Environment	Salt fog Tester	KZ-90A	KeMei	1
	Microhardness tester	GHV-1000	Lianer	2		Thermal Shock Chamber	S3-08L-A-3	Sanwood	1
	Fluorescence film thickness meter	XULM XYM	Fischer/Germany	1		Temperature and Humidity Tester	SMC-150-CD	Sanwood	1
	Automatic insertion-extraction force tester	HK-ZBCD-1220	Hui Tai	2		XRAY spectrometer (environmentally friendly)	EDX 2800	Tianrui	2
	Insertion-extraction tester	0-10Kgf	VTV	5		Horizontal and vertical combustion tester	XM-HV001	Xiangmin	1
	Single wing drop test machine	XD-DY1500	Xiangmin	1		Three-slot thermal shock test chamber	S3-08L-A-3	Mitutoyo/Japan	1
	Simulated automobile transportation vibration test machine	SM-MNC001	Xiangmin	1		High temperature oven	GT-1500DD	Mitutoyo/Japan	1
	Density Tester	MH300	-	1		Thermometer and Hygrometer	-	Minggao	8
	Wire Harness Swing Tester	-	-	1		High cleanliness testing equipment	OPG C11 S	INFINUO	1
Dimension	KEYENCE one-touch measurement	#7C910390	Keyence/Japan	1	Electricity	Contact impedance tester	HG2511	Hui Gao	1
	Microscope	-	-	1		Temperature rise Tester	SJ-10X/8511A	SUNJaT	6
	Nikon Projector	MFC-101A	Nikon/Japan	1		Cable harness tester	CT-8681	Yihe	42
	Nikon Height Gauge	-	Nikon/Japan	1		Conductivity Tester	SMP350	Fischer/Germany	1
	Height gauge	-	Mitutoyo/Japan	7		Withstand voltage insulation tester	71CM230528006	REK	6
	Second dimension tester	VMS-2010G	Wanhao	8		Anti-static Tester	385 ShengLi	-	1
	Projector	CPJ-3015Z	Wanhao	2	Special Test	X-RAY Fluoroscope	1000	Unicomp	1





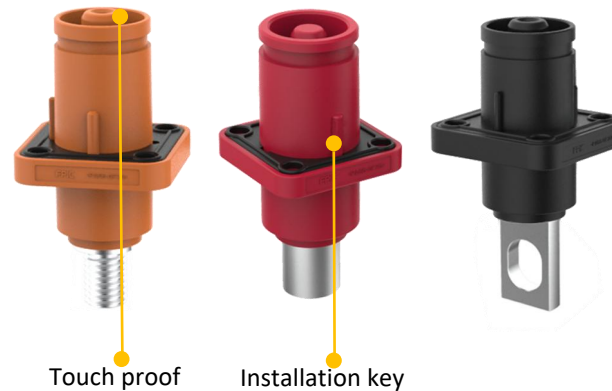
Our Products

Energy storage connectors & cables

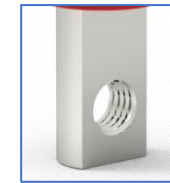


Key Features:

- Touch proof, safety, reliability
- 360° rotating plug, conserve space, operational
- efficiencies
- UL 4128 standard
- IP67 waterproof
- Different installation key on receptacles



Outer Thread



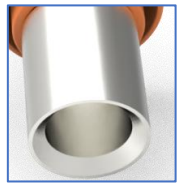
Copper Bar
Inner Thread



Inner Thread



Copper Bar
Through Hole



Crimping



Tool unlock



Manually unlock



Different keying positions



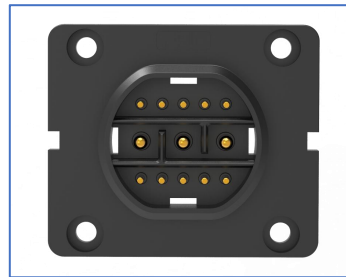


Our Products

Features:

- Easy and quick installation, safe and reliable
- Ergonomic and aesthetically pleasing
- Customizable cable length

E-Bike Connectors & Cables



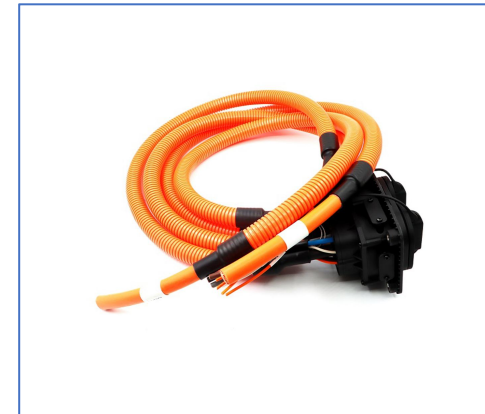
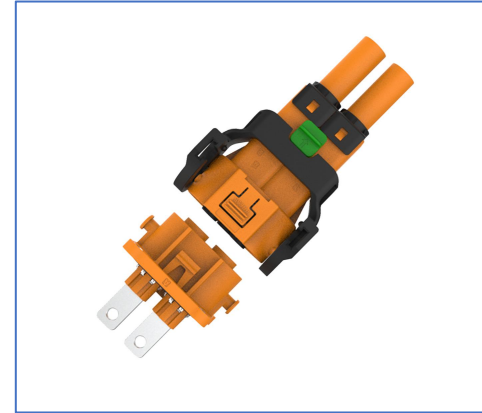


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Our Products

Electric Vehicle HV
Connectors & Cables



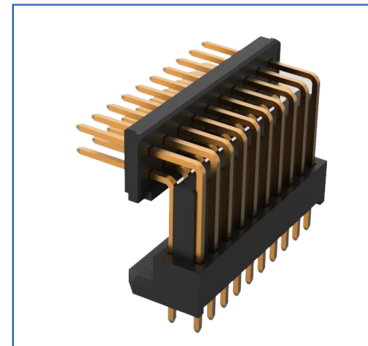
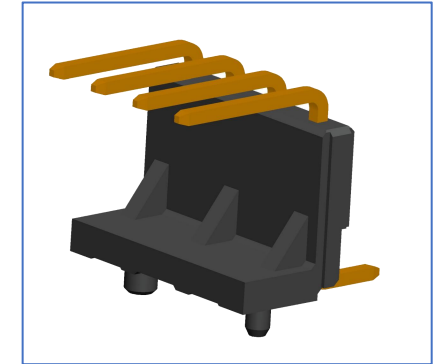
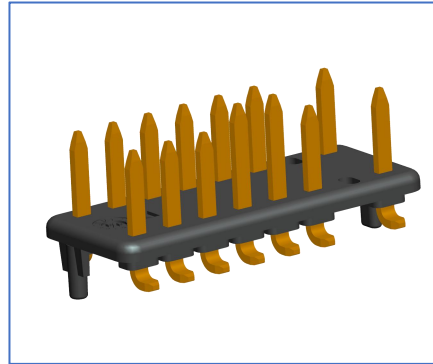


Our Products

Automotive connectors

Features:

- IATF16949 Certified
- Mass production of products compliant with **VDA 19.1 (ISO 16232-10)**
- Tier-2 Supplier of BMW, VW, PORSCHE, RENAULT, FORD, etc.
- Experienced in Rapid Prototyping & Mass Production



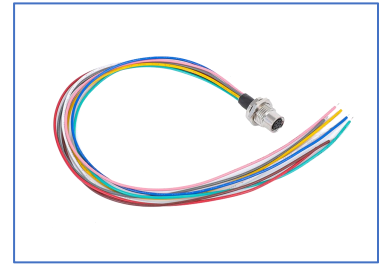


Our Products

Industrial connectors & cables

Features:

- Mechanical life: 500 cycles
- strong vibration resistance
- IP67 waterproof
- 360-degree shielding
- Temperature resistance:
-40 to 105°C





Our Products

Fluid Connectors

Features:

- Push-Pull Locking Mechanism
- 1000-hour salt spray resistance
- Insertion and extraction cycle >5,000 times



Push-pull Self-locking Connectors

Features:

- 1,000-hour salt spray resistance
- Insertion and extraction cycle >5000 times
- -55°C to 250°C operating temperatures



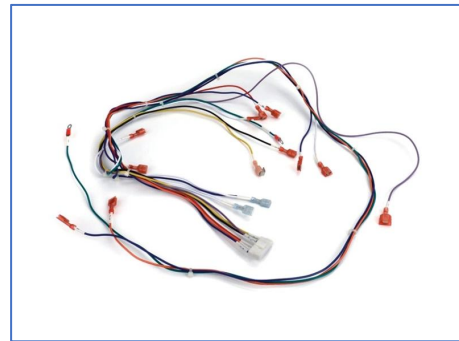


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Our Products

Industrial Wire Harness



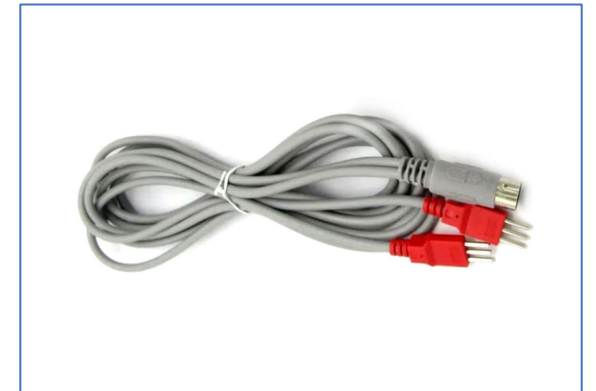
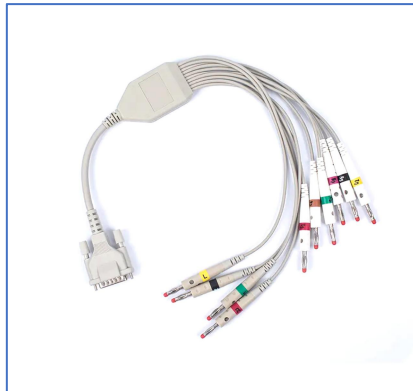
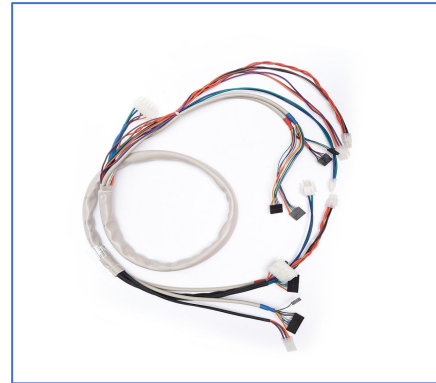


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Our Products

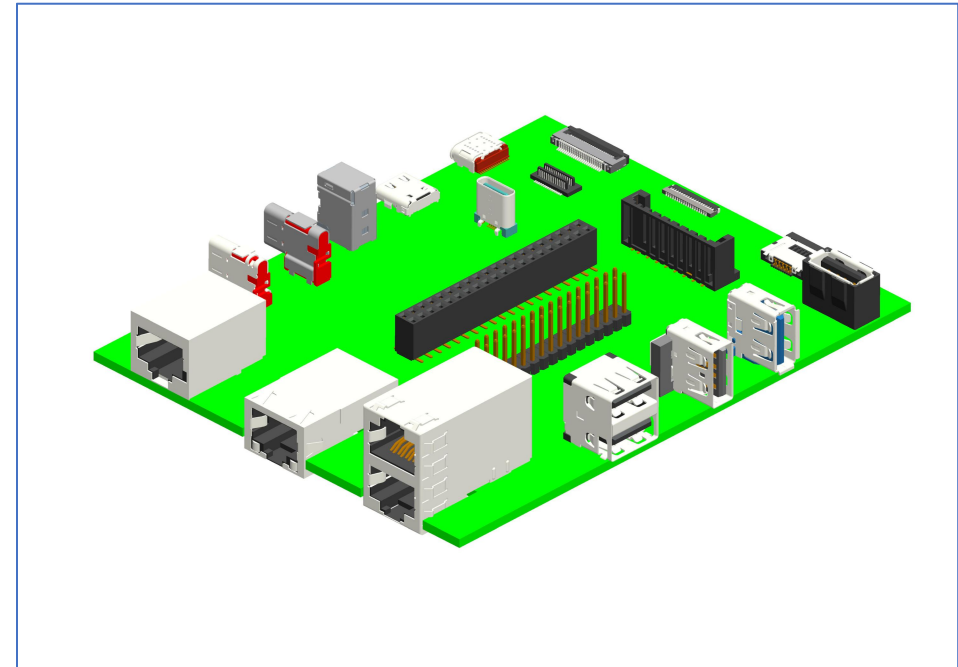
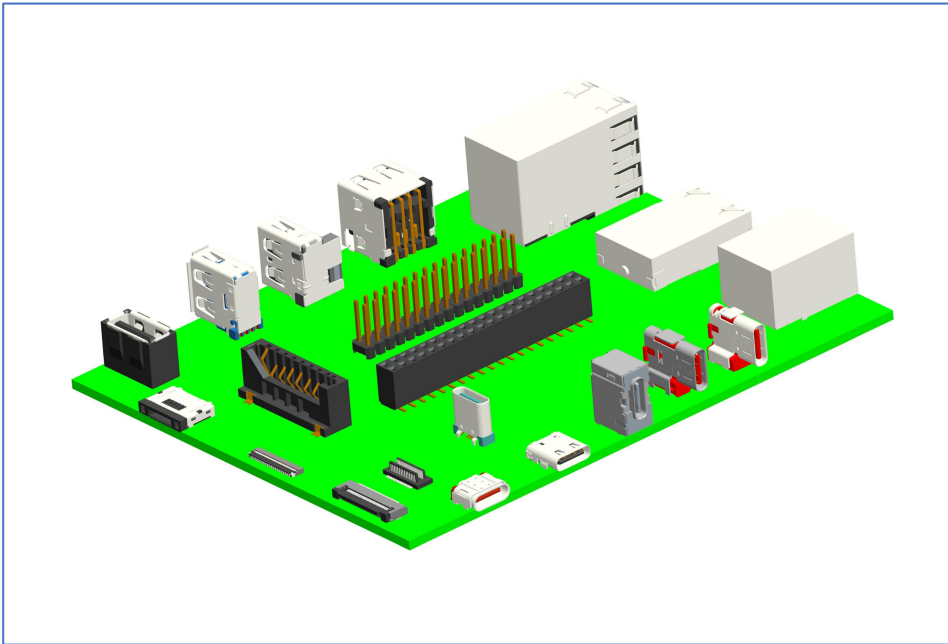
Medical Wire Harness





Our Products

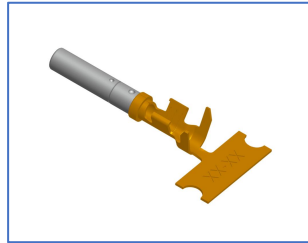
PCBA connectors



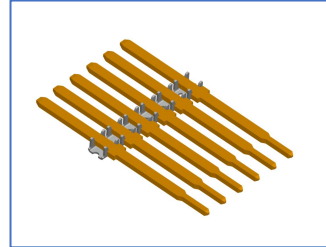


Our Products

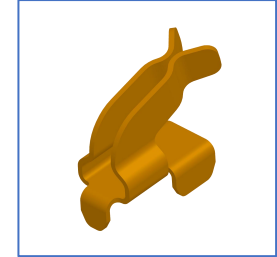
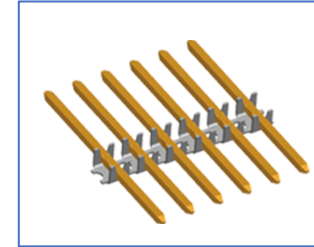
Metal parts



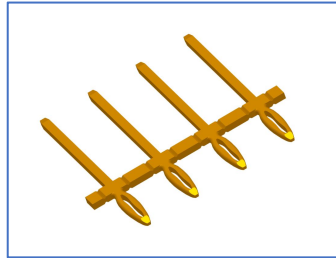
Composite Terminals



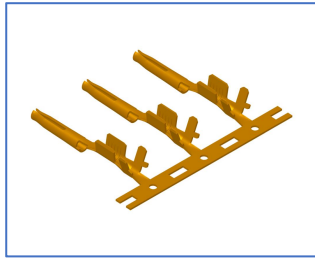
Spring-Clip Terminals--Automotive Standard



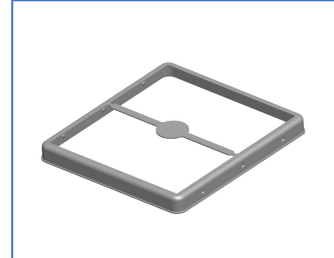
Terminal



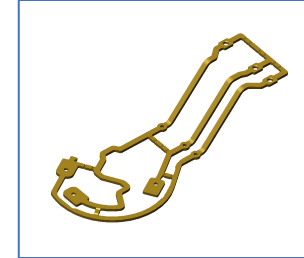
Press Fit Terminals



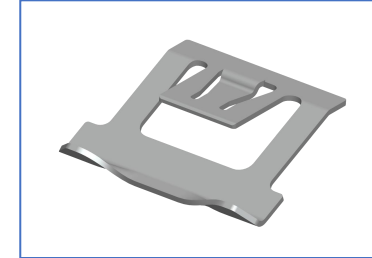
Spring-Clip Terminals



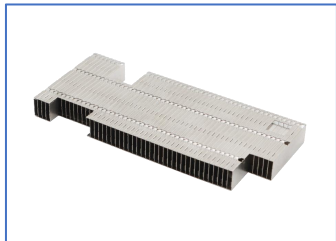
Shielding Covers



Automotive Terminal



Automotive Clip



Stamped Fins



Folded Fins



CNC Machined Parts



CNC Machined Parts



CNC Machined Parts



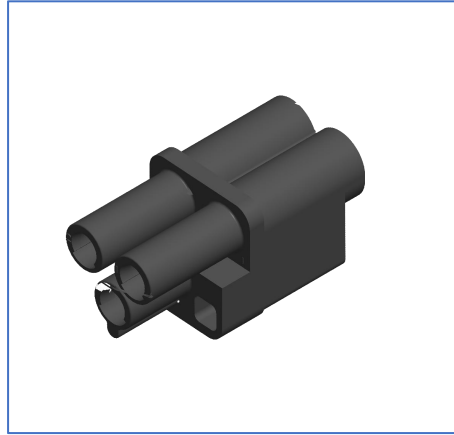
CNC Machined Parts





Our Products

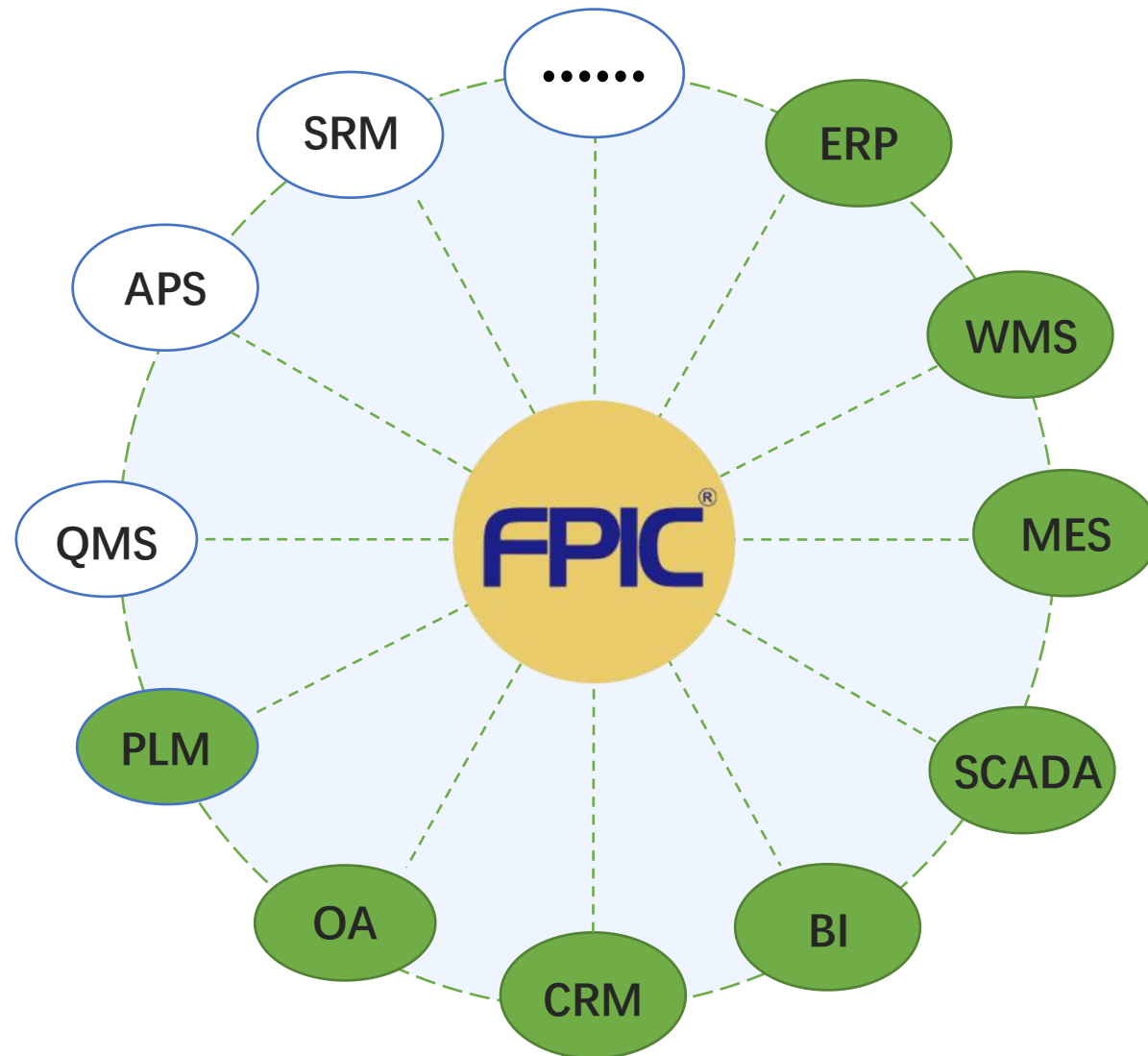
Insert Molding Parts





Our Platforms

Intelligent manufacturing
operation management platform



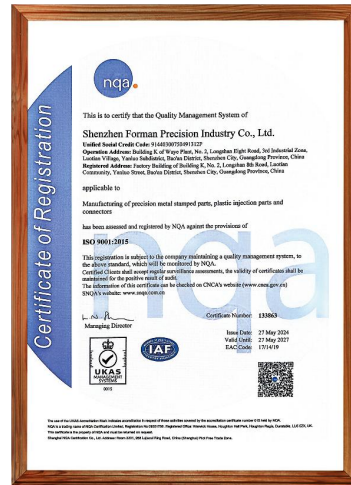


Certificates

Meet the Safety Standard of Management System



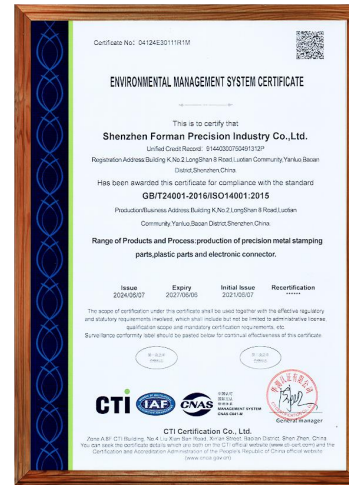
IATF16949



ISO9001



ISO13485



ISO14001



TUV Verified



UL Verified





Our Customers





Our Strengths

- Focusing on the connector and wire harness industry for over 20 years, we are able to provide you with more professional service in this industry.
- We offer end-to-end solutions, including product design, mold design and manufacturing, parts production, automated assembly, testing, and packaging for connectors, wire harnesses, and metal parts.
- The positioning of a small and beautiful enterprise can provide you high quality (vendor of several top brands in the industry), reasonably priced products, and quick response during the service process.
- Zero risk of development promise: we'll refund all development costs to customer, if our company's development work can't meet their requirement.





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Welcome to visit us!

Shenzhen Forman Precision Industry Co., Ltd.

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Web: www.fpiconn.com / www.sz-fpi.com

