

**FPIC<sup>®</sup>**

**Shenzhen Forman  
Precision Industry Co., Ltd.**



<https://fpiconn.com/>  
<https://sz-fpi.com/>

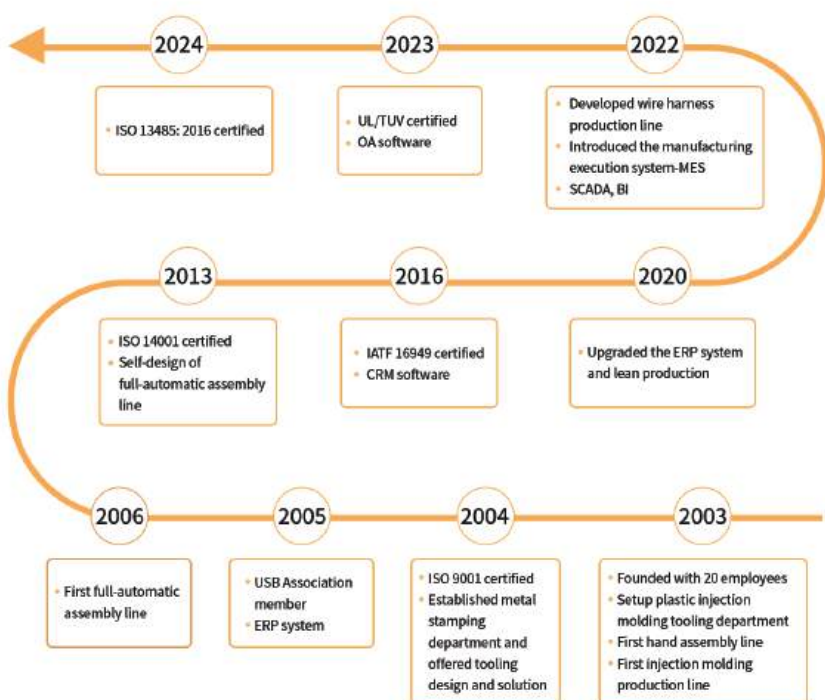
## ▶ Company Profile



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 cables assembly. Our market spans the automotive, new energy, industrial automation, and medical devices sectors.

We are certified by ISO 9001, ISO 14001, 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.



## 1. Energy Storage Connectors & Cables



- ① Large unlock button (15\*16mm)
- ② Different installation key and color on pole
- ③ Five connection method on each pole
- ④ 1500V 350A mass production; 1500V 400A developing

### 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



Touch proof



Installation key



Different keying positions



Tool unlock



Manually unlock



## 2.E-Bike Connectors & Cables



**Features:**

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



## 3.Busbar

**Features:**

- Strong overload capacity
- Compact, simple, and aesthetically pleasing design
- Available processes: molecular diffusion welding, film lamination, spraying, dipping



Rigid Busbars



Rigid Busbars



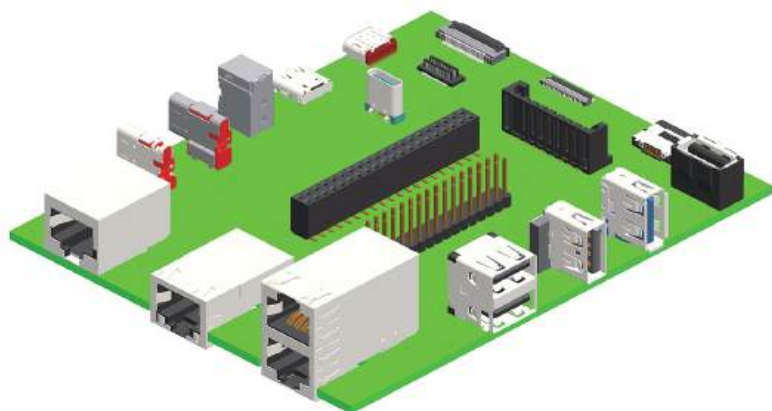
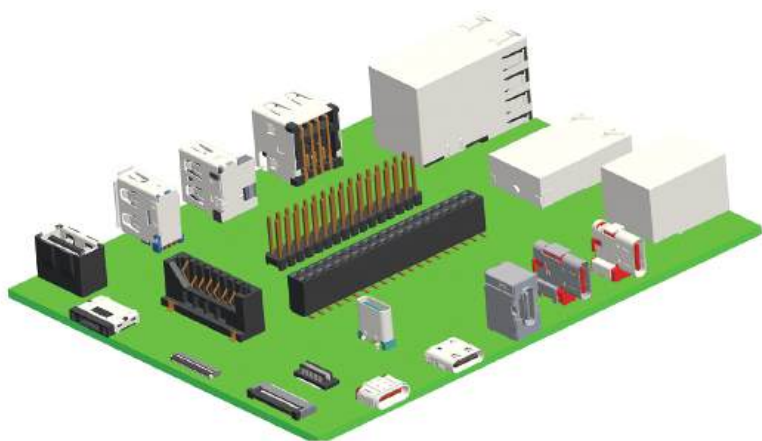
Laminated Busbars



Flexible Busbars



4. Electric Vehicle HV Connectors & Cables





- 1,000-hour salt spray resistance
- Insertion and extraction cycle >5,000 times
- -55°C to 250°C operating temperatures

- Wire range: 16~14AWG
- Pin type: crimp
- Connection type: threaded connection



- Advantages:
  - strong vibration resistance
  - IP67 waterproof
  - 360-degree shielding
- Temperature resistance: -40 to 105°C



## ▶ Fluid Connectors



### Features:

- Push-Pull Locking Mechanism
- 1,000-hour salt spray resistance
- Insertion and extraction cycle >5,000 times

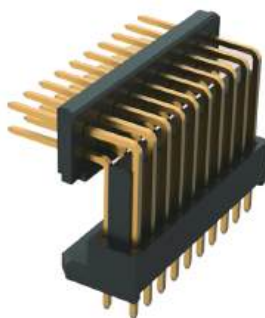
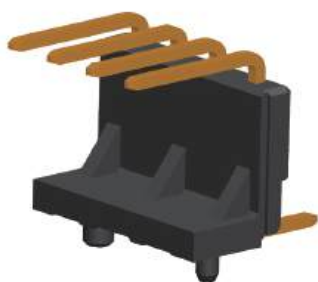
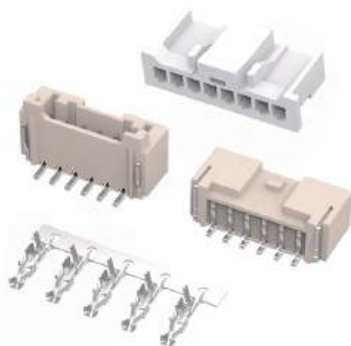


## ◆ Automotive Connectors



### 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



◆ Automotive Connectors & Cables

FPIC®



◆ Medical Cables

▶▶▶▶▶▶▶▶ FPIC®

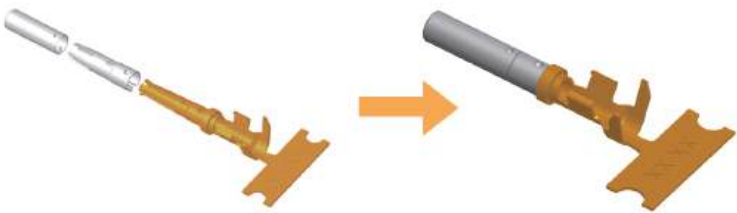


◆ Insert-molding Parts

▶▶▶▶▶▶▶▶ FPIC®







Composite Terminals: Mating Cycle > 10,000 times



Spring-Clip Terminals



Press Fit Terminals



Spring-Clip Terminals



Shielding Covers



Stamped Fins



Folded Fins



CNC Machined Parts



CNC Machined Parts

# FPIC<sup>®</sup>



## **Shenzhen Forman Precision Industry Co., Ltd.**

Add: Building K, No. 2, Longshan Eighth Road, Luotian Community,  
Yanluo Street, Baoan District, Shenzhen City, China.

Tel: 0086-755-81738901 81738902

Fax: 0086-755-81738903

E-mail: [info@fpiconn.com](mailto:info@fpiconn.com) [info@sz-fpi.com](mailto:info@sz-fpi.com)

Website: <https://fpiconn.com/> <https://sz-fpi.com/>

