APPLICATION AREAS

## ENERGY STORAGE

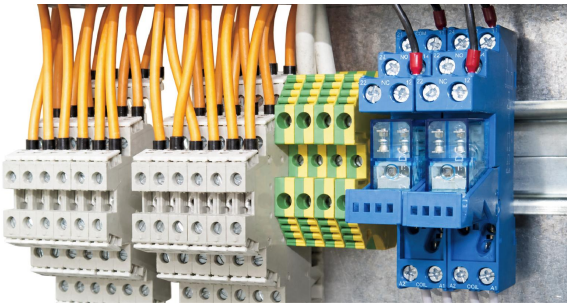
Battery Modules · Energy Storage Systems ·
Modular Inverters



APPLICATION AREAS

## INDUSTRIAL POWER ELECTRONICS

Power Distribution · Industrial Equipment ·
High-Current Connections



APPLICATION AREAS

## E-MOBILITY

EV Charging · High-Voltage Systems ·
Battery Connections





## COMPANY PROFILE

JDE AUTOMOTIVE

### OEM & ODM Specialist of Automotive & Industrial Interconnection







Established in 2014, JDE Automotive provides high-precision connector components and customized solutions. Our integrated capabilities span product design, in-house tooling, precision stamping, injection molding and automated inspection, serving e-mobility, energy storage, photovoltaic systems and industrial power electronics.

**Chinese Enterprises, Vietnam Production, Global service**

**Advanced Technical Strength**
Specialized in mold development, precision stamping & machining, injection molding, wiring systems.

**Customized Development Capability**
Rich experience in OEM & ODM customization. Long-term cooperation with global leading customers in industrial, automobile and electronics areas.

**Factory | Product Certification**
ISO 9001, ISO14001, ISO45001, IATF 16949: 2016 certification and China national high-tech enterprise

| 2014 | 50000 m² | 350 | 75 |
|---|---|---|---|
| Established | Production Facility | Employees | R&D & QA Staff |







JDE AUTOMOTIVE

# MANUFACTURING & QUALITY

## OEM & ODM Specialist

With integrated capabilities in tooling, precision stamping, machining, injection molding and automation, JDE provides customized OEM and ODM solutions from design to mass production, ensuring rapid development, stable delivery and full-process traceability.

**40**
Stamping Tools Per Month

**25**
Injection Tools Per Month

**100%**
Online Quality Inspection

**20 Days**
Rapid Tool Development

**4 Million**
Stamped Parts Per Day

## Certified Systems. Proven Engineering.

Certified management systems, patented technologies and rigorous process control enable us to deliver consistent quality and reliable performance for global customers.

ISO 9001:2015 | ISO 14001:2015 | IATF-16949:2016 | ISO 45001:2018 | PPAP LEVEL 3

## JDE AUTOMOTIVE

ISO 9001, ISO 14001, ISO 45001 and IATF 16949:2016 certified | DUNS Nr. 52-966-2239

www.jprecise.com

Email: jdjm@jprecise.com

JDE AUTOMOTIVE

# INJECTION-MOLDED CONNECTORS

Our injection-molded connectors integrate conductive contacts with insulating structures to improve product safety, dimensional consistency, production efficiency and overall system reliability.

## // CONNECTOR SERIES



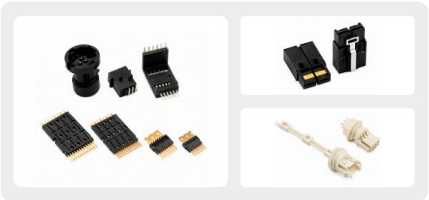
## // NEW ENERGY SERIES



## // ASSEMBLED PIN TYPE



## // OVER-MOLDING SERIES



**Integrated Design**

**Enhanced Safety**

**Cost-efficient Production**

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JDE AUTOMOTIVE

# ENERGY-STORAGE CONNECTOR CONTACTS

Available in multiple current ratings and contact sizes, our energy-storage contacts combine high-performance copper alloys with silver-plated surfaces for reliable power transmission and modular hot-plug applications.

## Current Options

120 A · 200 A · 350 A

## Contact Sizes

ϕ6 · ϕ8 · ϕ10

## Material & Surface

High-performance Copper Alloy, Silver-plated Contact Surface







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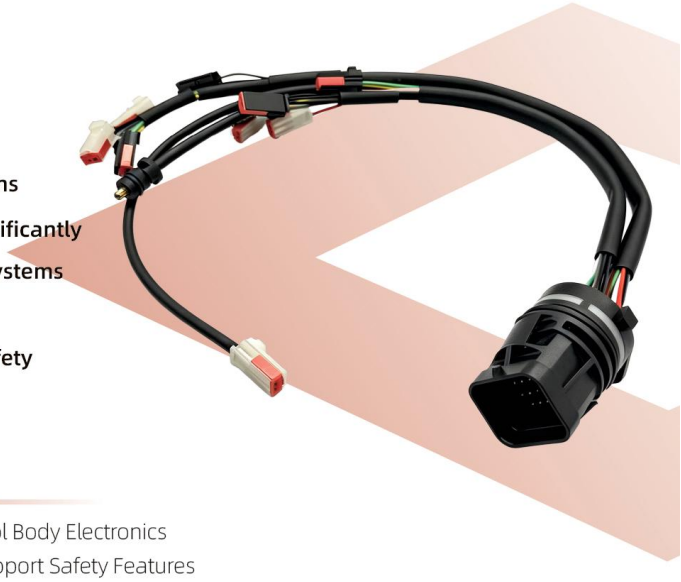
JDE AUTOMOTIVE

# WIRING HARNESS CONNECTOR SYSTEM

Automotive connector wire harnesses provide reliable and secure electrical connections, significantly reduce total vehicle weight, simplify complex wiring systems, effectively resist heat and vibration, and greatly enhance overall vehicle safety.

## Core Advantages

- **Reliable Electrical Connections**
- **Reduces Vehicle Weight Significantly**
- **Simplifies Complex Wiring Systems**
- **Resists Heat and Vibration**
- **Enhances Overall Vehicle Safety**

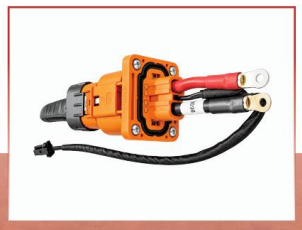


## Applications

Power Engine Systems | Control Body Electronics
Link Infotainment Devices | Support Safety Features







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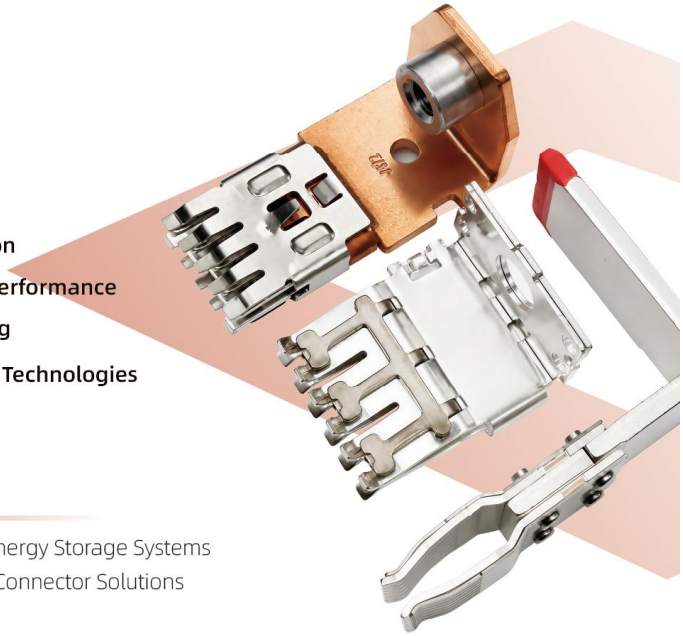
JDE AUTOMOTIVE

# HIGH-VOLTAGE & HIGH-CURRENT CONTACTS

Designed for reliable electrical connection and mechanical fixation between high-voltage cables, busbars and connector systems in power transmission, industrial equipment and new-energy applications.

## Core Advantages

- High Conductivity
- Reliable Mechanical Retention
- Stable Electrical & Thermal Performance
- Precision Custom Engineering
- Advanced Material & Plating Technologies



## Applications

Automotive Wiring Systems | Energy Storage Systems
Power Distribution | Industrial Connector Solutions







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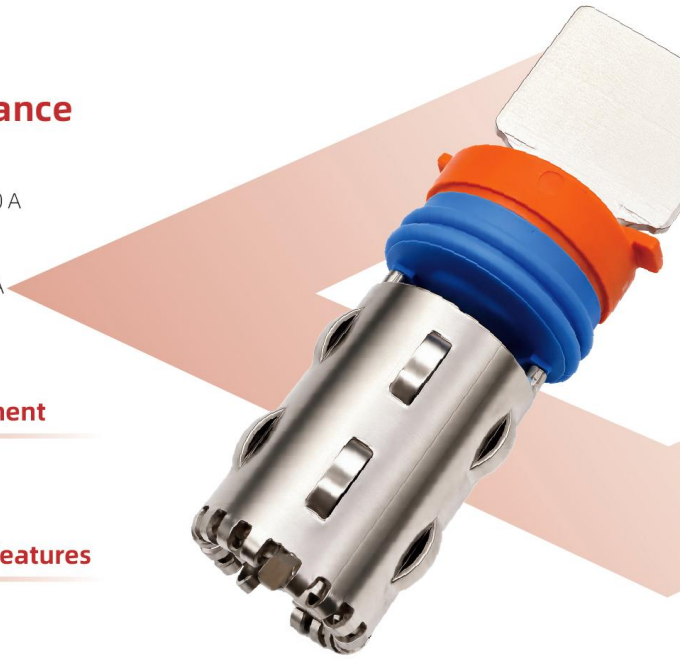
JDE AUTOMOTIVE

# CIRCULAR & RECTANGULAR CONTACTS

High-conductivity copper and stainless-steel contacts with optimized crown-spring geometry deliver low contact resistance, reduced mating force and controlled temperature rise for reliable EV charging connections.

## Electrical Performance

- **Maximum Rated Current:** 120 A
- **Contact Resistance:** ≤ 0.2 mΩ
- **Overload Performance:** 250 A
- **Low Temperature Rise**



## Material & Surface Treatment

Ni / Ag Plating

## Mechanical & Assembly Features

1. Crimp Termination
2. Low Mating Force







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