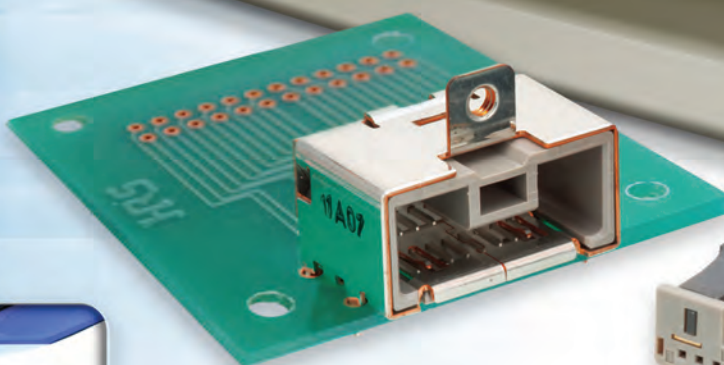




CONNECTING THE FUTURE

# Automotive Connectors



**HRS** HIROSE  
ELECTRIC  
CO., LTD.

# A WORLD LEADER IN INTERCONNECT TECHNOLOGY

Hirose provides innovative, cutting-edge solutions for your interconnect requirements. We specialize in the design, development & manufacturing of high-performance interconnect solutions supporting the automotive, consumer, medical, and industrial markets. With over 70 years experience, Hirose has established itself as a growing technology leader.

Positioned on the forefront of interconnect technology, Hirose works closely with its customers to develop innovations in miniaturization, high speed data transmission, signal integrity and robust mechanical design.

Hirose is a growing \$1.2 billion company, with approximately 4,000 employees worldwide. Top-tier engineers design high-quality, precision connectors. Customer support is provided through all stages of development.

## HIROSE AUTOMOTIVE

Hirose is a key international supplier in the automotive industry manufacturing rugged, reliable connectors to meet the needs of diverse automotive requirements. Our world-class engineering capabilities combined with cost-effective operations enables us to provide our customers with high-value automotive interconnect solutions and services.

By partnering with customers early in the design stage, we provide optimum products, expertise, and world-class solutions:

- ▶ Advanced Products
- ▶ High Performance
- ▶ Quality Management – continuous monitoring and evaluations within our manufacturing process

## APPLICATIONS

Your products demand quality, and Hirose connectors provide the manufacturing precision, durability, and design intelligence that allows you to increase efficiency during installation, decrease costs, and improve your overall operations.

With expertise in infotainment, ECU, and lighting, Hirose provides wide selection of connectors for navigation systems, LED, HID, instrument clusters, antennas, and inverter/ battery management. Continually on the forefront of emerging technologies, Hirose's connectors are designed for use in contemporary products such as hybrid/electric vehicles.



### Hybrid Electric Vehicle

#### Automotive Navigation System

- |      |       |
|------|-------|
| GT17 | FH55  |
| GT32 | FX23  |
| FH52 | FX30B |
| FH41 | FX20  |
| FH48 |       |



#### Instrument Cluster

- |      |      |      |
|------|------|------|
| GT17 | FH28 | FH41 |
| GT32 | FH52 | FH48 |
| GT25 | FH50 | FH55 |



#### Antenna

- |      |      |       |
|------|------|-------|
| GT36 | GT13 | GT16  |
| GT21 | GT5  | GT19S |



#### Headlight

##### LED

- |      |
|------|
| GT25 |
| GT8E |



#### Inverter/Battery Management System

- |        |       |       |      |
|--------|-------|-------|------|
| GT28   | GT18W | GT8E  | GT25 |
| GT28WS | GT35W | GT23F |      |



## CONNECTING THE FUTURE AUTOMOTIVE APPLICATIONS

### High Speed



GT17H/GT17HN Series



GT32 Series

### ZIF



FH52/FH52T/  
FH52P Series

### EV/HEV



GT28 Series



GT18W Series

### Board to Board



FX20 Series



FX23 Series

### ECU

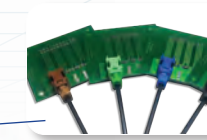


GT8E Series

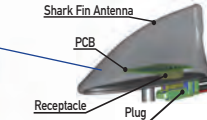


GT25/GT25H2 Series

### Antenna



GT36 Series



Shark Fin Antenna  
PCB  
Receptacle  
Plug



GT13 Series



GT16 Series



GT21 Series



## Wire Harnessing

At Hirose, we understand the challenge of finding the right partner to design, manufacture, test, and deliver your wire harness assemblies. To assist our customers, Hirose has established alliances with automotive wire harness manufacturers that are TS16949 certified.

Our wire harness affiliate program is one of the ways that we foster simplification and efficiency for your project workflow, and facilitate seamless integration of Hirose connectors into your design and processes.

**GT36S Series -  
Space Saving Automotive  
Antenna RF Connector**

# CONNECTING THE FUTURE AUTOMOTIVE INNOVATION

Hirose is recognized around the globe as a leader in new technologies. We pride ourselves in anticipating the needs of our customers as they develop new and improved systems and strive to stay ahead in the highly competitive automotive industry.

Our manufacturing facilities are located throughout Japan and Southeast Asia, and our rigorous quality control ensures optimal and consistent performance of products. Hirose's sales and engineering offices are located on three continents, serving our customers worldwide.

## Yokohama Corporate Center: Engineering, Sales & Marketing



Hirose is certified for: ISO9001, ISO14001, ISO/TS16949, ISO/IEC17025. Recognizing the need for standards to ensure quality operating procedures and systems along with conformity in practices and processes, we are an authorized ISO organization.



RoHS - We are committed to the development and manufacture of world-class products without sacrificing the health of people and the environment. Hirose manufactures products that are compliant with RoHS directives.

## HIROSE Electric U.S.A., Inc. Automotive Sales & Tech Center

17197 Laurel Park Drive, Suite 253, Livonia, MI 48152, USA

P: 734.542.9963, F: 734.542.9964

### Hirose Electric Co., LTD World Headquarters

6-3, Nakagawa Chuou 2-chome  
Tsuzuki-Ku, Yokohama-shi 224-8540, Japan  
P: 81-45-620-3526, F: 81-45-591-3726

### HIROSE Electric U.S.A., Inc. U.S.A. Headquarters Chicago

2300 Warrenville Road, Suite 150  
Downers Grove, IL 60515, USA  
P: 630.282.6700, F: 630.963.0507

### HIROSE Electric U.S.A., Inc. San Jose Office

2841 Junction Ave, Suite 200  
San Jose, CA 95134, USA  
P: 408.253.9640, F: 408.253.9641



Scan the QR code for a digital brochure  
and additional information on  
Hirose Automotive Connectors

