

**IRISO USA INC.**

THE BATTERY SHOW

# Frequently Asked Questions About IRISO Products

Have a question  
that's not on this list?  
We're here to help!

You can contact us at  
1-866-IRISOUS  
or email us at  
[info@irisoconnectors.com](mailto:info@irisoconnectors.com)  
or [marketing@irisoconnectors.com](mailto:marketing@irisoconnectors.com)

For more information visit [IrisoConnectors.com](https://www.IrisoConnectors.com)  
and follow us on social media.



**IRISO**

# Looking For More Information?

## Linked For Reference

Throughout this document are live links to more information about our products and services.

Any underlined text will bring you to more information online.



## Applications

Since we're at The Battery Show, this FAQ centers around connectors perfect for EV/HEV applications.

However, IRISO offers an extensive product line suitable for the wider automotive industry, as well as in the consumer electronics, aerospace, industrial automation, medical, and network/telcom appliances industries. See our full range of solutions on [IrisoConnectors.com](https://www.IrisoConnectors.com).

# EV/BMS CONNECTORS



**What connectors are good for electric vehicle applications?**

Our 10120,10127,10128, and 10133 Series are all great options for EV applications.

- These connectors realize downsizing/low equipment profile compared to traditional harness connections.
- Great for inverter, converter, eAxle
- IRISO's proprietary Z-Move™ technology uses the terminals' spring feature and allows free movement in the X, Y and Z directions.
  - Z-Move™ helps absorb surface vibrations caused by harsh operating conditions.
  - The floating feature allows the mated terminals to avoid relative movement between themselves, thus preventing contacts' fretting. When multiple connectors are stack mounted between two boards, there is a chance that connectors might misalign.
  - Z-Move™ floating technology helps the connectors self-align and prevent stress on solder joints.
  - The Z-Move connector also features a tandem two-point contact. The front contact can wipe away foreign material, such as dust and flux, allowing the rear contact to make a reliable connection.



# EV/BMS CONNECTORS



## Do you have connectors for Battery Management Systems?

Yes! Our customers have successfully used our 10120 Series and 13065/13103 Series for battery management products.

### 10120 Series

- Effective in connecting two boards that reside in a Battery Management System
- IRISO's proprietary Z-Move™ technology uses the terminals' spring feature and allows free movement in the X, Y and Z directions.
- This helps absorb surface vibrations caused by harsh operating conditions.
- The floating feature allows the mated terminals to avoid relative movement between themselves, thus preventing contacts' fretting. When multiple connectors are stack mounted between two boards, there is a chance that connectors might misalign.
- IRISO's Z-Move™ floating technology helps the connectors self-align and prevent stress on solder joints.

### 13065/13103 Series

- There are many cases where FPC is used for signal connection for the battery. The 13065 and 13103 series are effective in small size/ low height conditions.
- Compact and low profile compared to conventional 025 terminal connectors - Enlargement of the socket-side locking part ensures reliable fitting and improved workability.



# ABOUT OUR CONNECTORS



**Does IRISO develop custom connectors?**

Yes! We'd be happy to talk to you about your needs. Contact our sales team at [info@irisoconnectors](mailto:info@irisoconnectors) for further information.



**Does IRISO have ISO certifications?**

IRISO is committed to high level of customer satisfaction through continual improvement of our processes, quality oriented services and creation of a culture of excellence within the organization. We are certified with ISO-14001, ISO-9001, and IATF-16949. Copies of these certifications can be [found on our website](#).



**Can I order sample parts for parts for my prototype?**

We're happy to support your products and new ideas. You can contact our sales team to order any sample connectors via email at [info@irisoconnectors.com](mailto:info@irisoconnectors.com).

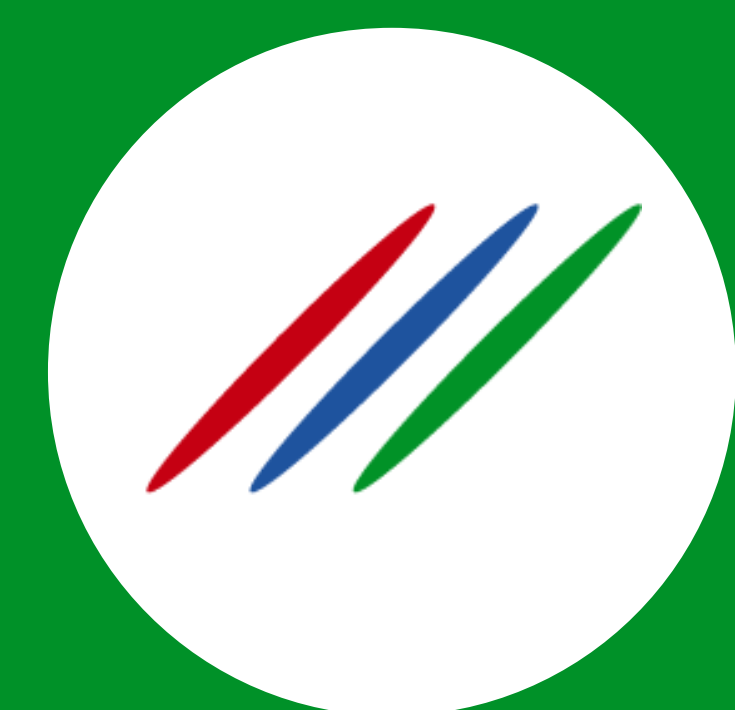


# COMPANY INFORMATION



**When was IRISO founded?**

IRISO Electronics Co., Ltd. was founded in 1966 in Shimonumabe, Kawasaki-shi, Kanagawa, Japan. In 1994, the company established the U.S. branch, IRISO USA., Inc. in Chicago Illinois and began selling pins and multiple pin connectors in the North American market. The branch moved to Michigan in 2004.



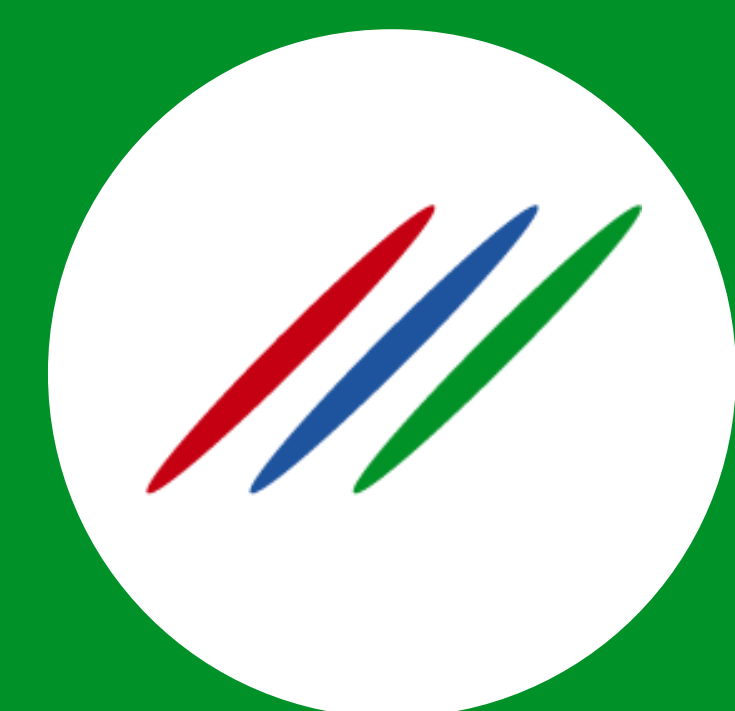
**Is IRISO a publicly traded company?**

IRISO Electronics Co. Ltd. (our parent company in Japan) is publicly traded on the Tokyo Stock Exchange. You can view investor information [here](#).



**What industries are IRISO connectors used in?**

Our connectors are used in the automotive industry, aerospace, consumer electronics, industrial automation, the medical field, and network/telecom appliances. Our experience across industries allows us to come up with innovative ideas and solutions to fit the needs of any product.

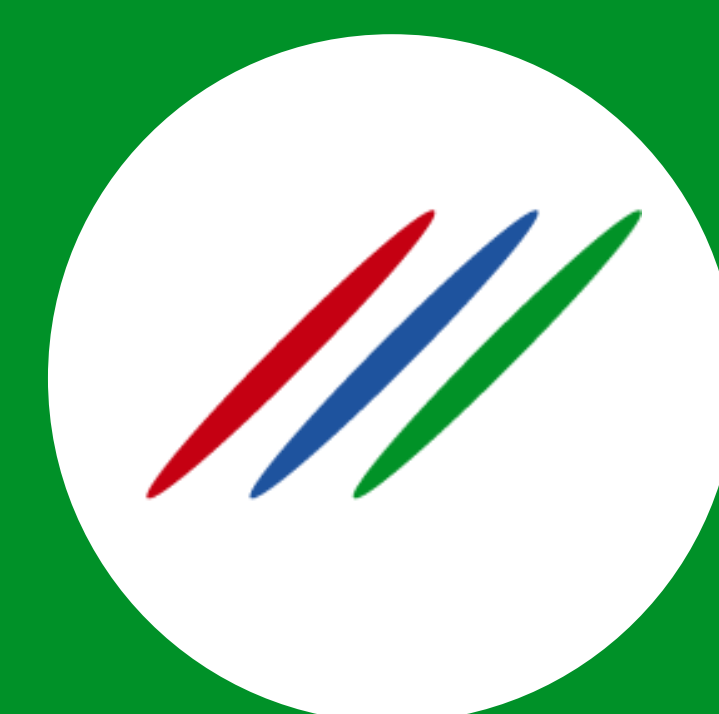


# CONTACT INFORMATION



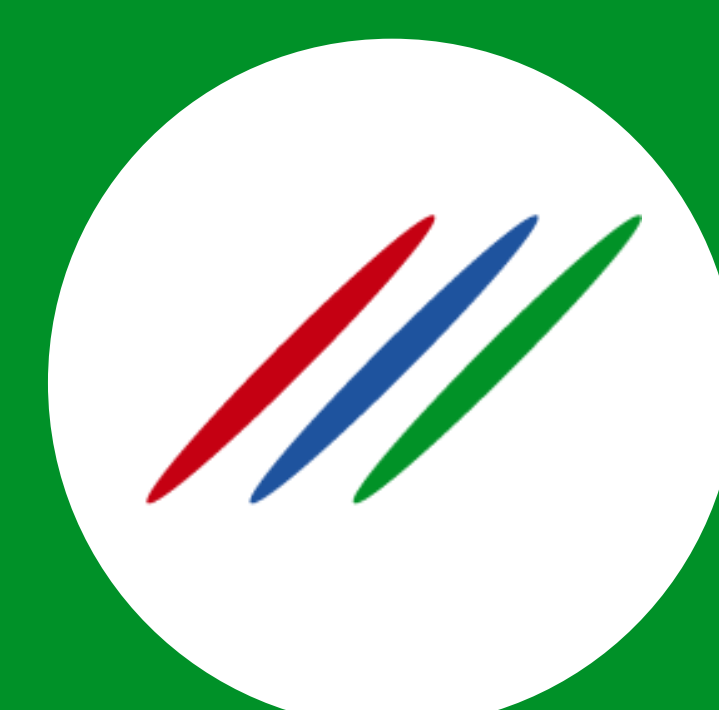
**Who is your press contact?**

You can email any of your questions to [marketing@irisoconnectors.com](mailto:marketing@irisoconnectors.com).



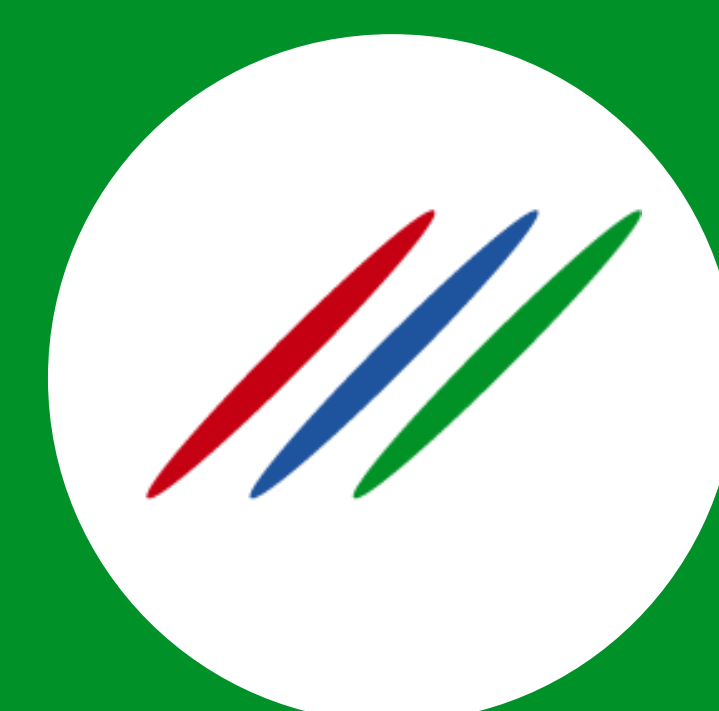
**I'd like to get in touch with the sales team to talk about our projects. How should I contact them?**

We'd love to help you out with any of your projects or prototypes! Please email [info@irisoconnectors.com](mailto:info@irisoconnectors.com) and we will assign a dedicated sales team member to you as you explore the solutions we have to offer.



**Where can I get more information about the company?**

**USA Website:** [irisoconnectors.com](http://irisoconnectors.com)  
**Japan HQ Website:** [iriso.co.jp/us](http://iriso.co.jp/us)  
**Social Media (linked on Icons):**





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# IRISO White Pages

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