

New Product Announcement

Hirose HR41 Outdoor Waterproof Connectors from Mouser Will Withstand Harsh Weather *IP68 Rating and Hot Pluggable*

May 5, 2014 – [Mouser Electronics](http://www.mouser.com), Inc. is now stocking and shipping the [HR41 Series Waterproof Connectors](#) made by [Hirose Electric](#). These new connectors are IP68 rated and are guaranteed to maintain a waterproof seal while in the mated state.

The new [Hirose HR41 Series Waterproof Connectors](#) available from Mouser Electronics are lightweight, waterproof connectors with strong plastic shells that are built to be resistant to corrosive weather. It uses a bayonet-style locking mechanism which makes it easy to mate the connectors even in complete darkness. An integrated anti-loosening mechanism keeps the tightening ring that secures the cable firmly in place during harsh vibrations.

The Hirose HR41 connectors are available in two varieties: the 5-pin version can handle 600 VAC or 400 VDC at 10 Amps, while the 3-pin version can handle 400 VAC or 400 VDC at 20 Amps. As a safety measure during the mating process of the 5-pin connectors, the sequential contact structure is designed to connect the ground contact before any of the power contacts, making this connector ideal for hot plugging applications. Gold plated terminal contacts provide a solid, reliable connection.

These connectors are rated at IP68, which means they are certified for waterproof performance when immersed in a mated condition in 2 meters of water for 14 days. The Hirose HR41 can also withstand exposure of a 5 percent salt water spray for 1,000 hours in a mated condition.

To learn more, visit <http://www.mouser.com/new/hiroseconnector/hirose-hr41-connectors/>.

With its broad product line and unsurpassed customer service, Mouser caters to design engineers and buyers by delivering What's Next in advanced technologies. Mouser offers customers 20 global support locations and stocks the world's widest selection of the latest semiconductors and electronic components for the newest design projects. Mouser Electronics' website is updated daily and searches more than 10 million products to locate over 4 million orderable part numbers available for easy online purchase. Mouser.com also houses an industry-first interactive catalog, data sheets, supplier-specific reference designs, application notes, technical design information, and engineering tools.

About Mouser Electronics

Mouser Electronics, a subsidiary of TTI, Inc., is part of Warren Buffett's Berkshire Hathaway family of companies. Mouser is an award-winning, authorized semiconductor and electronic component distributor, focused on the rapid introduction of new products and technologies to electronic design engineers and buyers. Mouser.com features more than 4 million products online from more than 500 manufacturers. Mouser publishes multiple catalogs per year providing designers with up-to-date data on the components now available for the next generation of electronic devices. Mouser ships globally to over 400,000 customers in 170 countries from its 492,000 sq. ft. state-of-the-art facility south of Dallas, Texas. For more information, visit <http://www.mouser.com>.

About Hirose Electric

Hirose Electric Company specializes in the manufacture of connectors and has been a contributor to the development of the electronics sector for over 70 years. Their modest and humble business philosophy of seeking wisdom from all sources and incorporating that knowledge to maintain high quality and efficiency has earned Hirose a loyal customer base. Hirose is also committed to environmental issues in the manufacture of connectors such as coaxial connectors, FFC / FPC connectors, and single and double row connectors.

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