



US Headquarters
1000 N. Main Street, Mansfield, TX 76063, USA
(817) 804-3800 Main
www.mouser.com

New Product Announcement

Amphenol Industrial Helios H4 Solar Connectors Available from Mouser

October 27, 2014 – [Mouser Electronics](http://www.mouser.com), Inc. is now shipping the [Helios H4 Solar Connectors](#) from [Amphenol Industrial](#). These connectors are IP68 rated and are specifically designed to meet requirements for [solar power](#) and [energy harvesting applications](#), boasting a very high 52 Amp rating. Helios H4 connectors provide highly efficient power transfer with extremely low loss by the use of precision machined contacts utilizing Amphenol Industrial's exclusive RADSOK® Technology.

The [Amphenol Industrial Helios H4 Solar Connectors](#), available from Mouser Electronics, provide higher current ratings and lower contact resistance than conventional solar connector solutions. Typical contact resistance is only 0.25mΩ, resulting in extremely low power losses. Connectors mate quickly and easily with an audible snap-lock mating system that helps insure an error-free installation. Amphenol Industrial's unique [RADSOK Technology](#) insures a high contact, low resistance connection by placing a web of about two dozen tiny beams running from the front to back of the female contact. As the male contact is inserted, the web wipes the male contact clean while providing solid multiple connections, imparting high current flow with minimal voltage loss.

These H4 Solar Connectors provide very high reliability connections and are highly resistant to the [harsh environments](#) found in solar power installations, including resistance to extremes of heat, cold, immersion in water, ozone, salt, abrasion, UV, and sunlight.

Compatible with standard industry connectors, the Helios H4 Panel Connector is available in three different gauges including 14 AWG rated at 36A, 12 AWG rated at 45A, and 10 AWG rated at 52A. These rugged connectors meet or exceed the strict standards set for solar power connectors and are compliant with UL 1000V, TUV 1500V, and CSA. These connectors also meet the new standards including NEC 2008/2011. As per NEC 2008 these connectors mate with an audible click and require a special unlock tool to unmate the connectors.

To learn more, visit: <http://www.mouser.com/new/Amphenol/amphenolheliosh4/> .

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 Amphenol Industrial

Amphenol Industrial offers a wide variety of receptacles, plugs, and connectors. Amphenol Industrial has long been the accepted leader in providing quality connectors and interconnect systems to the industrial markets and is the leading manufacturer of cylindrical connectors in the world. Most Amphenol Industrial Circular Connectors are in stock or assembled and ready to ship within 7 to 10 business days.

Trademarks

Mouser and Mouser Electronics are registered trademarks of Mouser Electronics, Inc. All other products, logos, and company names mentioned herein may be trademarks of their respective owners.

– 30 –

Further information, contact:
Kevin Hess, Mouser Electronics
Vice President Technical Marketing
(817) 804-3833
Kevin.Hess@mouser.com

For press inquiries, contact:
Kelly DeGarmo, Mouser Electronics
Corporate Communications Manager
(817) 804-7764
Kelly.DeGarmo@mouser.com