

New Product Announcement

Amphenol Industrial ePower-Lite Connectors for EV/HV Automotive Designs Now at Mouser

November 10, 2016 – [Mouser Electronics](http://www.mouser.com), Inc., the industry's leading New Product Introduction (NPI) distributor with the widest selection of semiconductors and electronic components, is now stocking [ePower-Lite](#) plastic power connectors from [Amphenol Industrial](#). Designed for the hybrid and electric vehicle markets, these connectors feature a lightweight plastic shell and compact design to save both weight and space in [vehicle](#) architecture.

[Amphenol Industrial ePower-Lite](#) plastic power connectors, available from Mouser Electronics, comprise a medium-amperage connection system rated to up to 70 A of continuous current. The ePower-Lite connectors have an operating voltage of 800 VDC and are available in 2-pole, 3-pole, and 4-pole systems with high-voltage interlock loop (HVIL) and electromagnetic interference (EMI) shielding for safety and performance.

Amphenol's ePower-Lite connector series is built to meet the demanding needs of medium-voltage and medium-amperage applications. It incorporates 3.6mm terminals with Amphenol's patented RADSOK® technology to achieve higher current ratings, lower insertion forces and lower temperature rise and contact resistance. And with low insertion force, the connectors require no mechanical assistance devices for mating and unmating.

The touch-proof ePower-Lite connectors are RoHS compliant and can be mated a minimum of 100 times for [charging](#), accessory power, or any applications that require a sealed medium-power connector. The connectors have a UL 94V-0 flammability rating, an IP67 rating when mated, and an operating temperature range of -40 to 125 degrees Celsius, making them suitable for automotive, [power converter](#), heavy [equipment](#), two- and three-phase [motors](#), and other power applications.

To learn more, visit <http://www.mouser.com/amphenol-epower-lite/>. For more information about the Amphenol e-Power aluminum shell connectors, go to <http://www.mouser.com/new/Amphenol/amphenolepower/>.

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 stocks the world's widest selection of the latest semiconductors and electronic components for the newest design projects. Mouser Electronics' website is updated many times 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 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 rapid New Product Introductions from its manufacturing partners for electronic design engineers and buyers. The global distributor's website, Mouser.com, is available in multiple languages and currencies and features more than 4 million products from more than 600 manufacturers. Mouser offers 22 support locations around the world to provide best-in-class customer service and ships globally to over 500,000 customers in 170 countries from its 750,000 sq. ft. state-of-the-art facility south of Dallas, Texas. For more information, visit 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.

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