

## For Immediate Release

### **Mouser Introduces The New Molex 2.4GHz SMD On-Ground Antenna!**

**October 13, 2011** - Mouser Electronics, Inc., regarded as a top design engineering resource and global distributor for semiconductors and electronic components, today announced it is stocking new product from Molex.

Molex developed the 2.4 GHz SMD On-Ground Antenna as the smallest on-ground MID (Molded Interconnect Device) antenna in the market using the power and precision of Laser Direct Structuring (LDS) technology. Measuring only 3.00mm by 3.00mm by 4.00mm (0.118" by 0.118" by 0.157") and mated on one side of the PCB, the Molex 2.4 GHz SMD On-Ground Antenna enables designers to realize significant PCB real estate savings by leaving the ground layers in the PCB intact while freeing up space on the reverse side for other component assemblies. Featuring an omni-directional radiation pattern, this monopole antenna requires simple stripline matching on the PCB without the need for discrete components. Fully compatible with SMD and reflow processes, the Molex 2.4 GHz SMD On-Ground Antenna can be used as a stand-alone device without the need for cable connection. In addition to offering excellent thermal properties, the LCP body of the antenna provides a higher mechanical strain tolerance than ceramic antennas. Weighing 0.03g, the 2.4 GHz SMD On-Ground Antenna is ideally suited for portable electronic devices based on Bluetooth®, Wi-Fi® ZIGBEE® and other wireless standards such as tablet PCs, headsets, smart meters, and more. To learn more, visit <http://www.mouser.com/molexsmdantenna>.

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 19 global support locations and the latest, most technologically advanced components for their newest design projects. Mouser Electronics' website is updated daily and searches more than 8 million products to locate over 2 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**

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 2 million products online from more than 450 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 300,000 customers in 170 countries from its 492,000 sq. ft. state-of-the-art facility south of Dallas, Texas. For more information, visit [www.mouser.com](http://www.mouser.com).

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## **About Molex**

Molex, established in 1938, is one of the world's largest global manufacturers of interconnect products. Molex connectors create innovative product solutions for wire-to-wire, wire-to-board, and board-to-board interconnect, including header, backplane, terminal, telecom, ethernet, and cable, as well as application tooling. Molex's efforts to minimize the environmental impacts of business activities, products, and services are reflected in their commitment to their environment management system, ECO CARE.

Nearly Every Connector Under the Sun

In an industry with overwhelming options, it is comforting to know that you can find what you need from Molex and get it when you need it from Mouser.

For more information, visit <http://www.molex.com>.

## **Trademarks**

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