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For Immediate Release

Mouser First to Stock KEMET Power Solutions (KPS) Single and Double Chip Stacked Multilayer Ceramic Capacitors

Up to Double the Capacitance in a Traditional SMT Footprint

Mansfield, Texas, USA – June 22, 2010 – Mouser Electronics, Inc., known for its rapid introduction of the newest products, today announced it is the first to stock the KEMET Power Solutions (KPS Series) MLCC Capacitors.

KEMET's KPS series (KEMET Power Solutions) utilizes proprietary lead-frame technology to vertically stack one or two multilayer ceramic chip capacitors (MLCCs) into a single compact surface mount package. The attached lead-frame mechanically isolates the capacitor/s from the printed circuit board, therefore offering advanced mechanical and thermal stress performance. Isolation also addresses concerns for audible, microphonic noise that may occur when a bias voltage is applied.

A two chip stack offers up to double the capacitance in the same or smaller design footprint when compared to traditional surface mount MLCC devices.

Providing up to 10mm of board flex capability, KPS series capacitors are environmentally friendly and in compliance with RoHS legislation. Available in X7R dielectric, these devices are capable of Pb-free reflow profiles and provide lower ESR, ESL and higher ripple current capability when compared to other dielectric solutions. Learn More

Andy Kerr, Mouser Vice President of Passives, says, "The KEMET Power Solutions KPS Series MLCC Capacitors feature extremely low ESR and ESL when compared to other dielectric solutions. The space savings, combined with twice the capacitance, makes the KPS Series an ideal solution in commercial and automotive applications."

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Jeff Franklin, KEMET Ceramic Specialty Product Manager, is pleased to offer the KEMET Power Solutions MLCC Capacitors to Mouser. “Mouser’s design-engineer customers will appreciate the many advantages of the lead-free, RoHS compliant KPS Series. A non-polar capacitor, the KPS Series minimizes installation concerns and is available in X7R dielectric for thermal protection up to 125ºC.”

Known for its focus on design engineers with its broad product line, unsurpassed customer service, advanced on-line catalog and innovative product marketing, Mouser continuously offers customers the newest products and latest technologies for their new design projects.

Mouser Electronics’ website with interactive online catalog is updated daily and searches over 6.7 million products to locate over a 1.6 million part numbers available for easy online purchase. Plus, it houses downloadable data sheets, supplier-specific reference designs, application notes, technical design information and engineering tools.

About Mouser

Mouser Electronics, Inc. is an electronic component distributor, focused on the rapid introduction of new products and technologies to electronic design engineers. Mouser.com features more than 1.6 million products online from more than 400 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 270,000 customers in 170 countries from its 432,000 sq. ft. state-of-the-art facility in Mansfield, Texas. For more information, visit http://www.mouser.com.

About KEMET

KEMET Corporation is a world leader in the manufacture of the solid tantalum capacitor, the fourth largest manufacturer of the multilayer ceramic capacitor, and a leader in the development of the solid aluminum capacitor. The company's strategy is to be the preferred capacitor supplier at each of the world's most successful electronic companies. For more information, visit http://www.kemet.com.

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