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New! Modelithics Global™ Models for KEMET CBR Series RF & Microwave Ultra High Q, Low ESR Surface Mount Multilayer Ceramic Capacitors

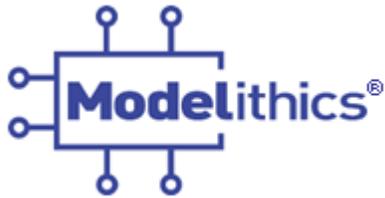
KEMET and Modelithics Partner to provide RF & Microwave Engineers Global™ Capacitor Models

Greenville, South Carolina and Tampa, Florida (October 25, 2012) – KEMET Corporation (NYSE: KEM), a leading manufacturer of tantalum, ceramic, aluminum, film, paper and electrolytic capacitors, and Modelithics have partnered to provide highly accurate and scalable Global™ models of KEMET's CBR Series of capacitors, sizes 0201, 0402, 0603, and 0805, for RF and microwave applications.

As an innovation for this work, aimed at improved design centering, Modelithics used actual low frequency capacitance of parts used for RF model development instead of assumed nominal part value. Measured and validated up to 20 GHz, the models are now available from Modelithics at <http://www.modelithics.com/mvp/KEMET>. Single-substrate S-parameters can also be downloaded for free from this same area.

"Customers and design engineers can use these models for circuit simulations to accurately predict various electrical parameters while using KEMET's HiQ-CBR capacitors in their circuits," stated Dr. Abhijit Gurav, KEMET Vice President, Ceramic Technology. "This is critical in enabling customers to design circuits with superior capabilities at the lowest cost as well as reducing design cycles and time."

"We are very pleased to have teamed with KEMET to develop these accurate, highly flexible Global Models for KEMET'S complete HiQ CBR capacitor line," stated John Fisher, Modelithics Vice President of Operations. "Combining KEMET'S HiQ CBR capacitors and Modelithics' Global Models will reduce design cycle time for achieving high performance in new designs."



About Modelithics, Inc.

Modelithics, Inc. (www.Modelithics.com) was formed in 2001 to address the industry-wide need for high-accuracy RF and microwave active and passive simulation models for use in Electronic Design Automation (EDA). Current products include the CLR Library™, which contains measurement-based Global Models for a multitude of commercially-available passive component families, the NLD Library™ (non-linear diode models) the NLT Library™ (non-linear transistor models), and the SLC Library™ (system level component models). Modelithics' services also address a wide range of custom RF and microwave measurement and modeling needs.

Modelithics® is a registered trademark of Modelithics, Inc. CLR Library™, NLD Library™, NLT Library™, and the SLC Library™ are also trademarks of Modelithics, Inc.

About KEMET

KEMET's common stock is listed on the NYSE under the symbol "KEM." At the Investor Relations section of our web site at <http://ir.kemet.com/>, users may subscribe to KEMET news releases and find additional information about our Company. KEMET applies world class service and quality to deliver industry leading, high performance capacitance solutions to its customers around the world and offers the world's most complete line of surface mount and through-hole capacitor technologies across tantalum, ceramic, film, aluminum, electrolytic, and paper dielectrics. Additional information about KEMET can be found at <http://www.kemet.com>.

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