

## **FOR IMMEDIATE RELEASE**

Contact: Dr. John C. Boan  
Vice President, Marketing  
johnnyboan@kemet.com  
954.766.2813

### **KEMET Introduces the World's Smallest High Voltage Ceramic Capacitors with Internal Arc Protection**

**GREENVILLE, S.C.**, Oct. 5, 2015 /PRNewswire/ -- KEMET Corporation (NYSE: KEM), a leading global supplier of electronic components, today announced the world's smallest high voltage surface mount multilayer ceramic capacitors (MLCCs) with internal arc protection. The EIA 0603 case size has been added to KEMET's High Voltage ArcShield product portfolio with voltage ratings up to 1,000 volts.

KEMET introduces the world's smallest high voltage surface mount multilayer ceramic capacitors (MLCCs) with internal arc protection. The EIA 0603 case size has been added to KEMET's High Voltage ArcShield product portfolio with voltage ratings up to 1,000 volts.



High voltage capacitors are typically limited by size due to arcing concerns. KEMET's patented ArcShield technology is designed to suppress arc-over events, while allowing for the smallest available footprint and highest capacitance values in the industry.

"ArcShield is unique in that it provides permanent internal protection that prevents arcing in both coated and uncoated printed circuit board assemblies," said Dr. John Bultitude, KEMET Vice President and Technical Fellow. "Most competitive technologies cannot prevent arcing within the capacitors' voltage rating and require an external coating, which can be damaged during handling. KEMET's patented ArcShield technology prevents arcing without the need of a surface coating. It also allows for the realization of smaller case size devices with exceptional lightning strike performance."

KEMET High Voltage MLCCs are utilized in a variety of applications including high voltage coupling, DC blocking, snubber circuits in power supplies and high voltage noise reduction circuits. Available with flexible termination technology, ArcShield is offered in both commercial and automotive grades. For more information, please visit [www.kemet.com/arcshield](http://www.kemet.com/arcshield).

## **About KEMET**

KEMET Corporation is a leading global supplier of electronic components. We offer our customers the broadest selection of capacitor technologies in the industry, along with an expanding range of electromechanical devices, electromagnetic compatibility solutions and supercapacitors. Our vision is to be the preferred supplier of electronic component solutions demanding the highest standards of quality, delivery and service. KEMET's common stock is listed on the NYSE under the symbol "KEM." Additional information about KEMET can be found at <http://www.kemet.com>.

## **Cautionary Statement on Forward-Looking Statements**

Certain statements included herein contain forward-looking statements within the meaning of federal securities laws about KEMET Corporation's (the "Company") financial condition and results of operations that are based on management's current expectations, estimates and projections about the markets in which the Company operates, as well as management's beliefs and assumptions. Words such as "expects," "anticipates," "believes," "estimates," variations of such words and other similar expressions are intended to identify such forward-looking statements. These statements are not guarantees of future performance and involve certain risks, uncertainties and assumptions, which are difficult to predict. Therefore, actual outcomes and results may differ materially from what is expressed or forecasted in, or implied by, such forward-looking statements. Readers are cautioned not to place undue reliance on these forward-looking statements, which reflect management's judgment only as of the date hereof. The Company undertakes no obligation to update publicly any of these forward-looking statements to reflect new information, future events or otherwise.

Certain risks and uncertainties that could cause actual outcome and results to differ materially from those expressed in, or implied by, these forward-looking statements are described in the Company's reports and filings with the Securities and Exchange Commission.

# # #