

Service for developers

New data book for overvoltage protection components

August 19, 2014

TDK Corporation presents the new data book for EPCOS Ceramic Transient Voltage Suppressors (CTVS). It contains the extended product range of multilayer varistors (MLV), ESD/EMI filters, CeraDiode[®] components as well as leaded transient voltage/RFI suppressors of the SHCV series.

Product highlights include the new automotive MLV-E series, which is qualified to AEC-Q200 and is suitable for operating temperatures of up to 150 °C. These protection components have significant advantages over TVS diodes specifically at such high temperatures, as no derating occurs. The components of the E series are available as discrete varistors or arrays. Also new in the data book is the surge protection series of MLVs for protection against severe transient overvoltages and high surge currents, such as 8/20 µs pulses with peak currents up to 6000 A and 10/700 µs pulses up to 45 A. Moreover, the new data book presents all the technical details for the new LED series of CeraDiodes, which are designed especially for the ESD protection of LED light sources.

The 332-page data book can be ordered at www.epcos.com/publications (ordering number EPC:62023-7600).

About TDK Corporation

TDK Corporation is a leading electronics company based in Tokyo, Japan. It was established in 1935 to commercialize ferrite, a key material in electronic and magnetic products. TDK's portfolio includes electronic components, modules and systems* marketed under the product brands TDK and EPCOS, power supplies, magnetic application products as well as energy devices, flash memory application devices, and others. TDK focuses on demanding markets in the areas of information and communication technology and consumer, automotive and industrial electronics. The company has a network of design and manufacturing locations and sales offices in Asia, Europe, and in North and South America. In fiscal 2014, TDK posted total sales of USD 9.6 billion and employed about 83,000 people worldwide.

* The product portfolio includes ceramic, aluminum electrolytic and film capacitors, ferrites, inductors, high-frequency components such as surface acoustic wave (SAW) filter products and modules, piezo and protection components, and sensors.

You can download this text and associated images from www.epcos.com/pressreleases.

Further information on the products can be found under www.epcos.com/ctvs and www.epcos.com/ceradiode.

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