

Film capacitors

Snubber series with more terminal configurations and higher capacitance values

November 11, 2014

TDK Corporation has significantly extended its range of EPCOS snubber film capacitors: A total of 17 different terminal configurations are now available, enabling them to protect an even broader spectrum of IGBT modules against voltage peaks.

The snubber capacitors of the MKP B32656S* to B32658S* series are distinguished by their high pulse strength and the reliability of their contacts. In addition, these components offer extremely low ESL values. The series comprises 17 terminal configurations of tin-plated copper straps with a hole spacing of 19.5 mm to 63 mm. These snubber capacitors now cover a voltage range from 850 V DC to 2000 V DC and a capacitance range from 68 nF to 5.6 μ F. All types are designed for temperatures of up to +110 °C.

Glossary

- IGBT: The insulated-gate bipolar transistor is a semiconductor component used to switch power in frequency converters

Main applications

- Protection of IGBT modules in frequency converters against voltage peaks (snubbing)

Main features and benefits

- Total of 17 different terminal configurations
- High pulse strength and rated voltages up to 2000 V DC
- High capacitance values up to 5.6 μ F

Key data

Series	Rated voltage [V DC]	Capacitance [μ F]	Max. temperature [°C]	Terminal configurations
B32656S* to B32658S*	850 to 2000	0.068 to 5.6	110	17

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/film_mkp.

Please forward reader inquiries to marketing.communications@epcos.com.

Contacts for regional media

Region	Contact		Phone	Mail
ASEAN	Mr. K. UNTERWEGER	EPCOS PTE LTD SINGAPORE	+65 6597 0618	klaus.unterweger@epcos.com
Greater China	Ms. S. SUEN	EPCOS LTD HONG KONG	+852 3669 8224	stella.suen@epcos.com
Europe	Mr. C. JEHL	EPCOS Munich, GERMANY	+49 89 54020 2441	christoph.jehle@epcos.com
India	Mr. G. DALVI	EPCOS India Private Ltd. Mumbai, INDIA	+91 22 2575 0804	girish.dalvi@epcos.com
Japan	Ms. M. MIYAUCHI	TDK Corporation Tokyo, Japan	+813 6852 7102	pr@jp.tdk.com
North America	Ms. S. McSHEA	EPCOS Inc. Greenville, SC, USA	+1 864 232 4240	mcsheacp4@aol.com
South America	Mr. C. DALL'AGNOL	EPCOS do Brasil Ltda. Gravataí, BRAZIL	+55 51 3484 7158	candido.dallagnol@epcos.com