

## Film capacitors

# TDK releases new, very compact X2 capacitors

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TDK Corporation (TSE:6762) presents a new series of very compact EPCOS X2 capacitors for noise suppression. They are rated for 275 V AC and cover a capacitance spectrum from 33 nF to 1  $\mu$ F. Depending on the capacitance value, the interference suppression components have lead spaces of 10 mm (B32921X\* / Y\*), 15 mm (B32922X\* / Y\*) and 22.5 mm (B32923X\* / Y\*). Particularly noteworthy are the very compact dimensions ranging from only 4.0 × 9.0 × 13.0 mm (33 nF) to 10.5 × 16.5 × 26.5 mm (1  $\mu$ F), which fluctuate depending on the capacitance. The capacitors are UL and EN approved, and the case and potting materials comply with UL94 V-0. They are also certified to IEC 60384-14:2013. The maximum operating temperature is 110 °C.

Thanks to their very compact dimensions, the new RoHS-compliant capacitors are suitable for household appliances and consumer electronics in indoor applications.

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### Main applications

- Household appliances
- Consumer electronics applications

### Main features and benefits

- Very compact dimensions from only 4.0 × 9.0 × 13.0 mm to 10.5 × 16.5 × 26.5 mm
- Wide capacitance range from 33 nF to 1  $\mu$ F
- UL and EN approvals, IEC 60384-14:2013 certification
- RoHS compatible

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### About TDK Corporation

TDK Corporation is a world leader in electronic solutions for the smart society based in Tokyo, Japan. Built on a foundation of material sciences mastery, TDK welcomes societal transformation by resolutely remaining at the forefront of technological evolution and deliberately “Attracting Tomorrow.” It was established in 1935 to commercialize ferrite, a key material in electronic and magnetic products. TDK’s comprehensive, innovation-driven portfolio features passive components such as ceramic, aluminum electrolytic and film capacitors, as well as magnetics, high-frequency, and piezo and protection devices. The product spectrum also includes sensors and sensor systems such as temperature and pressure, magnetic, and MEMS sensors. In addition, TDK provides power supplies and energy devices, magnetic heads and more. These products are marketed under the product brands TDK, EPCOS, InvenSense, Micronas, Tronics and TDK-Lambda. TDK focuses on demanding markets in automotive, industrial and consumer electronics, and information and communication technology. The company has a network of design and manufacturing locations and sales offices in Asia, Europe, and in North and South America. In fiscal 2021, TDK posted total sales of USD 13.3 billion and employed about 129,000 people worldwide.

You can download this text and associated images from [www.tdk-electronics.tdk.com/en/210915](http://www.tdk-electronics.tdk.com/en/210915).

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Please forward reader inquiries to [marketing.communications@tdk-electronics.tdk.com](mailto:marketing.communications@tdk-electronics.tdk.com).

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## Contacts for regional media

Region	Contact	Phone	Mail
Europe	Mr. C. JEHLE TDK Electronics AG Munich, Germany	+49 89 54020 2441	<a href="mailto:christoph.jehle@tdk-electronics.tdk.com">christoph.jehle@tdk-electronics.tdk.com</a>
North America	Ms. D. MARTIN TDK Electronics Inc. Fountain Hills, AZ, USA	+1 480 836 4104	<a href="mailto:debbie.martin@tdk-electronics.tdk.com">debbie.martin@tdk-electronics.tdk.com</a>
South America	Mr. C. DALL'AGNOL TDK Electronics do Brasil Ltda., Gravataí, Brazil	+55 51 3484 7158	<a href="mailto:candido.dallagnol@tdk-electronics.tdk.com">candido.dallagnol@tdk-electronics.tdk.com</a>
India	Mr. G. DALVI EPCOS India Private Ltd. Mumbai, India	+91 22 2575 0804	<a href="mailto:girish.dalvi@tdk-electronics.tdk.com">girish.dalvi@tdk-electronics.tdk.com</a>
Greater China	Ms. S. SUEN TDK Electronics Hong Kong Limited, Hong Kong	+852 3669 8224	<a href="mailto:stella.suen@tdk-electronics.tdk.com">stella.suen@tdk-electronics.tdk.com</a>
Japan	Mr. Y. OSUGA TDK Corporation Tokyo, Japan	+813 6778 1055	<a href="mailto:pr@jp.tdk.com">pr@jp.tdk.com</a>