For Immediate Release

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MASS PRODUCTION OF TDK CC-E SERIES OF COMPACT INSULATED DC-DC CONVERTERS BEGINS

New Converters up to 50% Smaller than Earlier TDK Products

TOKYO, JAPAN, April 14, 2005 —TDK Corporation announced today that it has developed and begun mass production of the CC-E Series of compact insulated DC-DC converters for use in communications devices and industrial equipment.

As electronic devices are being made more compact and with higher mounting densities manufacturers are demanding DC-DC converters that take up less space. In response to this need, TDK developed the CC-E series of DC-DC converters with the main objective of making converters smaller. The new CC-E Series requires up to 50% less mounting space than earlier TDK products and are the smallest DC-DC converters in the industry."*

In making the converters smaller, TDK employed its latest original technologies and its transformer core ferrite materials to optimize the transformers. TDK has applied for a patent for a new terminal-board connection technique that enables it to reduce the mounting area without changing the positions of the pins.

In addition, by using TDK original high-capacitance, multilayer ceramic capacitors, the use of aluminum electrolyte capacitors and tantalum capacitors can be avoided for enhanced reliability, safety, and environmental performance including RoHS compliance.

The new converters also offer excellent performance and functions including a wide operating temperature range, an internal on-off remote control circuit, and a built-in output voltage variable function. The full lineup includes a total of 136 models including surface mount types for ease of use under a wide range of environments in virtually any application. Moreover, prices are kept low through the use of smaller and lighter-weight components and high manufacturing efficiency.

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The new CC-E Series will be on display at the TDK booth at the Techno-Frontier 2005 show that will open at the Nippon Convention Center (Makuhari Messe) on April 20. Mass production of this series began in January 2005, and all products from the series will be available by July 2005.

* As of April 13, 2005, according to TDK investigations.

Main Applications

- Computers, communications devices, and general industrial equipment

Main Features

- Compact and Lightweight
  - Mounting area is up to 50% less than earlier TDK products. Lighter weight achieved through the adoption of a hollow structure.

- Reliable and Safe
  - Tantalum capacitors and aluminum electrolyte capacitors are not used, and TDK original high-capacitance, multilayer ceramic capacitors are used in their place. The input circuit protection elements (fuses) are internal.

- Environmental Compliance
  - A total of seven substances—the six substances covered by the RoHS Directive and polyvinyl chloride are not used at all. Also, halogen-free printing wiring boards are used.

- High Performance
  - Can operate at temperatures from -40°C to +85°C. The output voltage can be set with high precision to within ±3%.

- Low Cost
  - Prices are 30% lower than those for TDK's earlier products.

- Advanced Functions
  - Internal remote control circuit, self-restoring output short-circuit protection circuit (standard for the entire series), and a built-in output voltage variable (trim) function.

- Extensive Product Lineup
  - The total product lineup consists of 136 models with 5 V, 12 V, 24 V, and 48 V types, four-output voltages, six output wattages, and DIP/SMD terminal structures.

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About TDK Corporation

TDK Corporation (NYSE: TDK) is a leading global electronics company based in Japan. It was established in 1935 to commercialize "ferrite," a key material in electronics and magnetics. TDK's current product line includes ferrite materials, electronic components and ICs, wireless computer networking products, magnetic heads for HDD, digital recording hardware and advanced digital recording media. Net sales in FY2004 were US$6.2 billion. For more information about TDK, please visit www.tdk.com.

TDK Corporation of America is the North American sales and marketing division, which provides a wide range of support in electronic components including EMC components, inductors, and capacitors in the Americas. For additional information visit our web site at www.component.tdk.com.

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1. Conformity to RoHS Directive: This means that, in conformity with EU Directive 2002/95/EC, lead, cadmium, mercury, hexavalent chromium and specific bromine-based flame retardants, PBB and PBDE, have not been used, except for exempted applications.

2. General-Purpose Electronic Components: Refers to the capacitors, inductors, filters and other standard components that make up over 90 percent of TDK electronic components. The remaining products are special order items that are highly customized, non-standard electronic components that TDK plans to make environmentally safe in phases and in accordance with customer preferences and other factors.

3. RoHS Directive: Abbreviation for Restriction on Hazardous Substances, which refers to the regulations on harmful substances by the European Union (EU) effective July 1, 2006. The Directive bans the use of six specific harmful substances in electric and electronic devices and products handled within the EU. The six substances are lead, mercury, cadmium, hexavalent chromium, PBB (polybrominated biphenyls), and PBDE (polybrominated diphenylethers).