

February 2008 Ref. CD239A

News Release

Three new series of current sense transformers designed for latest applications in high frequency equipment



- *10A and 15A primary current ratings*
- *Compact designs using UL94 V-0 package materials*
- *50kHz to 500kHz operating frequency range*
- *Wide choice of devices to suit many applications*

Murata Power Solutions has introduced three new ranges of surface-mount current sense transformers. The 5300, 5400 and 5500 series can be used to measure or monitor AC currents in high frequency applications such as switched-mode power supplies, motor controllers, and electronic lighting ballasts.

All three series are RoHS compliant, feature UL94 V-0 package materials, have a frequency range of 50kHz to 500kHz and comply with the J-STD-020C standard for reflow soldering.

Designed to measure AC currents up to 10A, the 5300 series comprises ten different devices with a primary current rating to 10A and between 20 and 200 turns, depending on the resolution of current measurement desired. A primary to secondary isolation of 500Vrms in an industry-standard footprint helps simplify their inclusion into existing product designs.

The 5400 and 5500 series are designed to measure AC currents up to 15A and are available with 50, 100 or 200 turns. The 5400 series features a small

footprint package style and provides 1200Vrms primary to secondary isolation. The 5500 series is offered in a low profile package, with a primary to secondary isolation of 1000Vrms.

Free air operating temperature range for all three series is -40°C to +125°C.

About Murata Power Solutions

Murata Power Solutions, (www.murata-ps.com) formerly known as the Power Electronics Division of C&D Technologies, is headquartered in Mansfield, Massachusetts, with over 1,300 employees, and locations in the USA, Canada, Mexico, England, France, Germany, Tokyo and China. Murata Power Solutions designs, manufactures and distributes DC/DC Converters, AC/DC Power Supplies, Magnetics, Data Acquisition devices and Panel Meters, and offers these products in custom, standard and modified-standard variations. These products, which are built to exacting requirements in ISO9000:2000-approved facilities, are typically used worldwide within telecommunications, computing, industrial and other high-tech applications

About Murata

Based in Kyoto Japan, Murata Manufacturing Company Ltd is one of the world's leading providers of ceramic based components, sensors, and AC/DC and DC/DC power solutions. Founded in 1950, the company has over 26,000 employees worldwide, and over \$4.9 billion US in consolidated annual sales (as of March 31, 2007). Everywhere in the world, wherever you can reach, Murata's electronic components are always at work.

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