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## News Release

**Ten new series of inductive components enhance industry-leading magnetic product range**



- *Over 100 new parts introduced*
- *Shielded, unshielded, leaded, surface mount and low-profile parts added*
- *Custom designs available*

Murata Power Solutions has added ten new families of inductive components to its existing portfolio. The new introductions amount to well over 100 new part numbers and enable Murata Power Solutions to further enhance their comprehensive offering of wound ferrite magnetics for use in a wide range of power and EMC filtering applications.

The new families comprise bobbin wound surface mount inductors, vertical mount leaded torroid inductors, low-profile shielded and unshielded surface mount inductors, flat coil surface mount power inductors and leaded common mode chokes.

All of the parts are fully RoHS compliant and are manufactured using UL 94V-0 approved materials. The new inductors have an operating temperature range of  $-40^{\circ}\text{C}$  to  $+125^{\circ}\text{C}$  making them ideal for applications requiring dependable, high temperature performance. The new range of common mode chokes meanwhile is suitable for use between  $-40^{\circ}\text{C}$  and  $+85^{\circ}\text{C}$ .

Murata Power Solutions is able to support design engineers considering the company's inductors by providing in-depth technical support, data sheets and samples available from stock. The company is also able to design and manufacture custom value parts should standard components not meet the exact requirements of a given application.

Commenting on the introduction of the new components, Andrea Polti, Global Magnetics Product Manager, Murata Power Solutions, said: "By adding a large and varied selection of new parts we are now able to offer a truly complete range of leading technology inductive components that address a huge range of applications across many industry sectors." He continued: "Adding to our inductive product range further enhances Murata Power Solutions' reputation as a frontrunner in the power electronics market."

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## **About Murata Power Solutions**

Murata Power Solutions ([www.murata-ps.com](http://www.murata-ps.com)), 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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