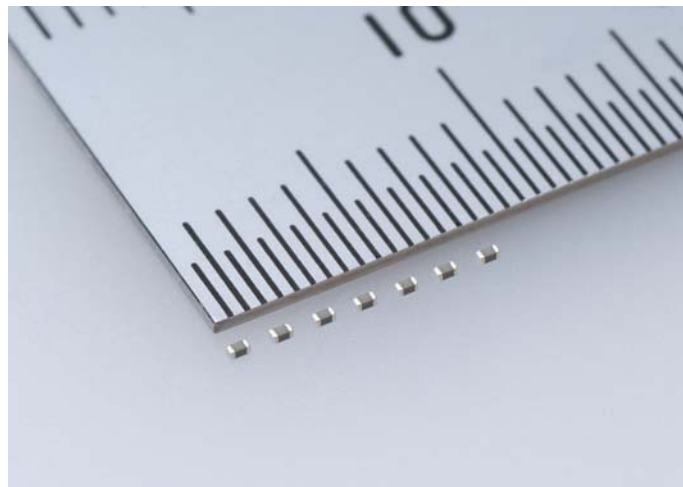


For immediate release

Taiyo Yuden Introduces EIA 0201 1 μ F Multilayer Ceramic Capacitor

Achieving Industry-Leading High Capacitance in a Smaller Size



TOKYO, September 29 2009 — Taiyo Yuden Co., Ltd., announced today the release of a new multilayer ceramic capacitor with an industry-high capacitance of 1 μ F. The new AMK063BJ105MP capacitor measures only 0.6 x 0.3 x 0.3 mm, for a 78% reduction in volume and a 40% slimmer profile than the company's previous product. The new product boasts the highest capacitance in the industry in its size class.

The new capacitor is an outstanding choice for the purpose of decoupling IC power lines in portable devices such as smartphones and mobile phones. With most portable devices on the market equipped with multilayer ceramic capacitors in the EIA 0402 size, Taiyo Yuden believes that the release of the new capacitor will accelerate the downsizing of component size from 0402 to 0201, helping to meet the increasing demand for smaller, slimmer portable devices.

Mass production of the product will begin in October 2009 at the company's Tamamura Plant in Gunma Prefecture, Japan at an initial output pace of 10 million units per month. Production is expected to reach a total of 50 million units per month by March 2010. The price for samples is 15 yen per unit.

Technology Background

Mobile phones continue to get smaller and slimmer, day by day. High-end products in particular, like smartphones, are required to provide both rich functionality and high performance. This demand poses a technological challenge: how to incorporate as many functions as possible into a limited physical space without sacrificing any performance. Clearly, smaller, slimmer components are the answer.

Ever since introducing nickel-electrode high-value multilayer ceramic capacitors back in 1984, Taiyo Yuden has been developing technologies in fields such as advanced ceramic materials, multilayer stacking, thin-layer formation, enabling the company to release smaller, higher-capacitance multilayer ceramic capacitors. With the release of the new product today, the company achieves a new milestone: a compact multilayer ceramic capacitor of 1 μ F in the EIA 0201 size.

Taiyo Yuden is committed to providing the world with ever more compact, ever thinner multilayer ceramic capacitors to support the unending quest for smaller devices and modules.

The product will be on display at the Taiyo Yuden booth for CEATEC Japan 2009, which starts October 6, 2009 at Makuhari Messe (Mihama-ku, Chiba City) along with other products with a capacitance of 10 μ F in the EIA 0402 size and 100 μ F in the EIA 0805 size.

Specifications of the AMK063BJ105MP are shown below:

Ordering code	Capacitance	Temperature characteristics	Rated voltage	Length [mm]	Width [mm]	Thickness [mm]
AMK063BJ105MP	1.0 μ F	X5R	4.0V	0.60 \pm 0.05	0.30 \pm 0.05	0.30 \pm 0.05