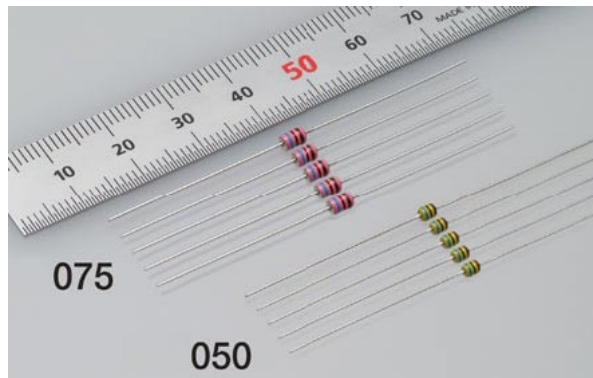


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**Taiyo Yuden: Axial Lead Ceramic Capacitor Achieves 10µF, an Industry First
- Merges High-Value Multilayer Ceramic Capacitor with Mass Production
Technology for Leaded Components -**



Taiyo Yuden has achieved capacitance of 10µF and 4.7µF for its high-value axial lead ceramic capacitors, a first in the industry. The capacitors include the Multilayer Type 075 series (3.9 × 3.0mm diameter) TP075B106K and the Multilayer Type 050 series (3.2 × 2.2mm diameter, sizes are maximum values for both) TP050B475K.

CRT televisions, monitors, white goods, and other large products have long had little need for compact high-density mountings, and have therefore usually utilized one-sided paper phenolic boards for their printed circuit boards because of the low cost. Now in response to sharp drops in market prices in recent years, one-sided paper phenolic boards are beginning to be used in LCD-TVs, as well. In view of this trend, axial lead ceramic capacitors and other leaded components are being reconsidered for possible mounting on one-sided paper phenolic boards.

Some common uses for capacitors include bypassing and decoupling. In decoupling, the need for high capacitance has generally excluded the use of axial lead ceramic capacitors because of insufficient capacitance, and radial lead aluminum electrolytic capacitors have been used instead. However, axial lead capacitors offer more freedom in board design and low-profile mountability compared to radial lead capacitors, and demand is rising for higher capacitance axial lead capacitors. Taiyo Yuden has responded by merging its compact and high capacitance technology for multilayer ceramic capacitors with mass production technology for leaded components, to achieve a high-value axial lead ceramic capacitor with a maximum 10µF. Naturally, the product also meets RoHS standards.

Mass production of these products is to begin at Taiyo Yuden's overseas plants in October 2006, at a pace of 10 million units per month. Sample price for the Multilayer Type 075 series is 10 yen per unit, and for the Multilayer Type 050 series, it is 5 yen per unit.

These products will be on display at the Taiyo Yuden booth for CEATEC Japan, to be held starting October 3, 2006 at Makuhari Messe (Mihama-ku, Chiba city).

The Multilayer Type 075 series lineup is as follows.

	Capacitance	Rated Voltage (V)
GP075B225K	2.2 µF ± 10%	35
GP075B475K	4.7 µF ± 10%	35
TP075B106K	10 µF ± 10%	25

The Multilayer Type 050 series lineup is as follows.

	Capacitance	Rated Voltage (V)
GP050B105K	1.0 µF ± 10%	35
TP050B225K	2.2 µF ± 10%	25
TP050B475K	4.7 µF ± 10%	25