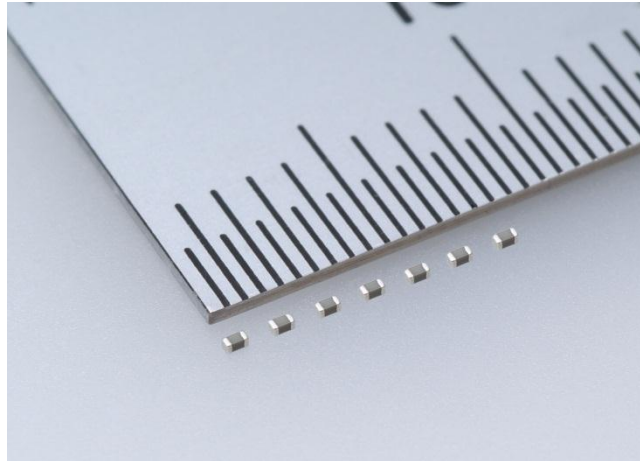


For immediate release

**TAIYO YUDEN Announces the Commercial Release of its EIA 0201 Size Multilayer Ceramic Capacitor with a 2.2 $\mu$ F Capacitance**

*Adding to TAIYO YUDEN's super high-end product lineup by successfully doubling the capacitance*



TOKYO, September 25, 2012 - TAIYO YUDEN CO., LTD. announced the commercial release of another of its super high-end products; EIA 0201 size multilayer ceramic capacitor. This product has an industry leading capacitance of 2.2 $\mu$ F and will support small mobile devices such as smartphones and tablet PCs as it addresses the constant requirement for miniaturization along with ever-increasing high performance and multi-functionality.

The EIA 0201 size multilayer ceramic Capacitor with a 2.2 $\mu$ F capacitance is ideal for such applications as the decoupling of IC power-supply lines. By drawing fully on the state-of-the-art technology typified by its materials and multilayer technologies, TAIYO YUDEN has improved the capacitance of the former EIA 0201 size multilayer ceramic capacitor with a previous maximum of 1 $\mu$ F by more than two times.

Production will commence at the company's Tamamura Plant in Gunma Prefecture, from September 2012 onward, at a production rate of 10 million units per month, which we plan to increase to up to 40 million units per month within the year. The sample price is 15 yen per unit.

**Technology Background**

Small mobile devices like smartphones and tablet PCs demand increasing multi-functionality and high performance. Many functions need to be housed together inside small, low profile casings. In these devices, small size multilayer ceramic capacitors are being used in decoupling applications for power circuits. In order to drive ICs more stably higher and higher performance is needed and there is a demand for the multilayer ceramic capacitors used in decoupling to have larger capacitances while at the same time maintaining their small sized configuration.

Since the commercial release of the nickel electrode large capacitance multilayer

ceramic capacitor in 1984, TAIYO YUDEN has succeeded in the further miniaturization and increased capacitance of the multilayer ceramic capacitor by concentrating on the sophistication of its materials and multilayer technologies. And by taking full advantage of the superior materials and multilayer technologies, TAIYO YUDEN has continued its market leading position with the release of PMK063ABJ225MP, a 2.2 $\mu$ F capacitance in an EIA 0201 size multilayer ceramic capacitor.

As the market moves towards further miniaturization and increased capacitance, TAIYO YUDEN will focus on the development of super high-end products to be able to introduce small size, large capacitance multilayer ceramic capacitors to the market ahead of its competition.

At the TAIYO YUDEN booth at “CEATEC JAPAN 2012” to be held at the Makuhari Messe (Mihama-ku, Chiba-City, Chiba Prefecture) from the 2nd of October this year, TAIYO YUDEN will exhibit its lineup of super high-end products of small size, high capacitance multilayer ceramic capacitors, including this product and others such as the 47 $\mu$ F EIA 0603 size and the 22 $\mu$ F EIA 0402 size, gathering together the best of TAIYO YUDEN’s technology, and taking this opportunity to introduce an EIA 0603 size multilayer ceramic capacitor which has attained a capacitance of 100 $\mu$ F.

#### ■ Applications

In applications such as decoupling of IC power-supply lines in small mobile devices like smartphones and tablet PCs (using few Watts of power consumption).

The characteristics of the multilayer ceramic capacitor released this time are as follows.

Ordering code	Capacitance	Capacitance tolerance	Temperature characteristic	Rated voltage	Length(L) [mm]	Width(W) [mm]	Thickness(T) [mm]
PMK063ABJ225MP	2.2 $\mu$ F	$\pm 20\%$	X5R	2.5V	0.6 $\pm$ 0.05	0.3 $\pm$ 0.05	0.3 $\pm$ 0.05