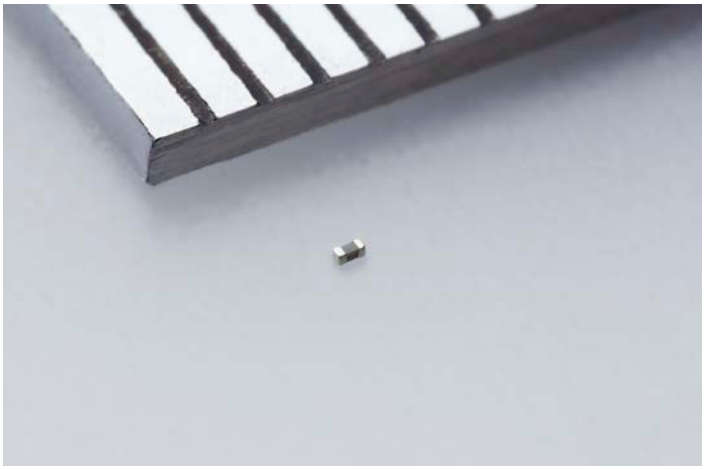
For Immediate Release

TAIYO YUDEN Plans to Start the Production of the 008004 Size Multilayer Ceramic Capacitor within the Calendar Year

We Have Introduced the World's Smallest Class of Multilayer Ceramic Capacitor and We Have Commenced Sample Shipments



TOKYO, April 17, 2014 – TAIYO YUDEN CO., LTD. today announced the commencement of sample shipments of the world's smallest class multilayer ceramic capacitor, 008004 size (0.25 x 0.125 x 0.125mm). The company will set up a production system within the calendar year 2014.

This multilayer ceramic capacitor is used in impedance matching applications for the high frequency circuits in devices that are required to be small and thin and for the purpose of decoupling of IC power supply lines in devices. This product supports applications such as smartphones and wearable devices.

Since the commercialization of a nickel-electrode high value multilayer ceramic capacitor in 1984 by TAIYO YUDEN, the company has continually led the market for these products and has promoted more compact, higher value multilayer ceramic capacitors through its advances in material science and multilayer technology. As we further our position as the worldwide leader for these products we are establishing a mass production technology for the 008004 size multilayer ceramic capacitor with evaluation samples ready to be shipped April 2014.

Production of this multilayer ceramic capacitor will begin within 2014 at the company's Tamamura Plant in Gunma Prefecture, Japan, at a production rate of 10 million units per month. The sample price is 15 yen per unit.

Technology Background

For design of RF front end of wireless modules mounted on smartphones and wearable devices, noise control and improvement in efficiency are achieved through impedance matching that makes use of capacitors and inductors.

This requirement is even more pronounced in the design requirements for high-end smartphones. In order to comply with the various communications standards and frequency bandwidths for each country throughout the world, multiband is being promoted and the number of

components is increasing. Further design requirements are driving products to be smaller and thinner and mounted components need to be smaller in size.

As a result of a reduction in the size and thickness, as well as an improvement in performance of digital devices, multilayer ceramic capacitors are continuously becoming smaller and thinner with higher values. TAIYO YUDEN has always provided the market with the smallest, thinnest, and highest value multilayer ceramic capacitors in the industry. In 2005, we introduced and commercialized the EIA 01005 size. For our next step and as we continue our advancements and lead the market in technology we have established mass production technology, which includes the material technology, thin film technology, and multilayer technology of the world's smallest class of 008004 size multilayer ceramic capacitor. Shipment of the evaluation samples has started April 2014.

We will continue to actively promote the product development of smaller, thinner, and higher value multilayer ceramic capacitors to address the ever-growing demand of the market.

■ Application

Impedance matching applications for the high frequency circuits of devices that are required to be small and thin, such as smartphones and wearable devices, and for decoupling of IC power supply lines in devices.

Main Characteristics of the Typical Items

[For temperature compensation]

The symbol (B, C, D) indicating the capacitance tolerance is entered in □ of the part number.

Part number	Rated voltage (DC)	Temperature characteristics	Capacitance	Capacitance tolerance
TMK021 CG0R2□K	25V	C0G	0.2 pF	B/C ±0.1pF /±0.25pF
TMK021 CG0R3□K	25V	C0G	0.3 pF	
TMK021 CG0R4□K	25V	C0G	0.4 pF	
TMK021 CG0R5□K	25V	C0G	0.5 pF	
TMK021 CG0R6□K	25V	C0G	0.6 pF	
TMK021 CG0R7□K	25V	C0G	0.7 pF	
TMK021 CGR75□K	25V	C0G	0.75 pF	
TMK021 CG0R8□K	25V	C0G	0.8 pF	
TMK021 CG0R9□K	25V	C0G	0.9 pF	
TMK021 CG010□K	25V	C0G	1 pF	
TMK021 CG1R1□K	25V	C0G	1.1 pF	
TMK021 CG1R2□K	25V	C0G	1.2 pF	
TMK021 CG1R3□K	25V	C0G	1.3 pF	
TMK021 CG1R5□K	25V	C0G	1.5 pF	
TMK021 CG1R6□K	25V	C0G	1.6 pF	
TMK021 CG1R8□K	25V	C0G	1.8 pF	
TMK021 CG020□K	25V	C0G	2 pF	
TMK021 CG2R2□K	25V	C0G	2.2 pF	
TMK021 CG2R4□K	25V	C0G	2.4 pF	
TMK021 CG2R7□K	25V	C0G	2.7 pF	
TMK021 CG030□K	25V	C0G	3 pF	
TMK021 CG3R3□K	25V	C0G	3.3 pF	
TMK021 CG3R6□K	25V	C0G	3.6 pF	
TMK021 CG3R9□K	25V	C0G	3.9 pF	
TMK021 CG4R3□K	25V	C0G	4.3 pF	
TMK021 CG4R7□K	25V	C0G	4.7 pF	
TMK021 CG5R1□K	25V	C0G	5.1 pF	C/D ±0.25 pF/±0.5pF
TMK021 CG5R6□K	25V	C0G	5.6 pF	
TMK021 CG6R2□K	25V	C0G	6.2 pF	
TMK021 CG6R8□K	25V	C0G	6.8 pF	
TMK021 CG7R5□K	25V	C0G	7.5 pF	
TMK021 CG8R2□K	25V	C0G	8.2 pF	
TMK021 CG9R1□K	25V	C0G	9.1 pF	
TMK021 CG100□K	25V	C0G	10 pF	

[High dielectric constant]

The symbol (K, M) indicating the capacitance tolerance is entered in □ of the part number.

Part number	Rated voltage (DC)	Temperature characteristics	Capacitance	Capacitance tolerance
EMK021 BJ221□K	16V	X5R	220 pF	K/M ±10%/±20%
EMK021 BJ471□K	16V	X5R	470 pF	
EMK021 BJ102□K	16V	X5R	1,000 pF	
JMK021 BJ222□K	6.3V	X5R	2,200 pF	
JMK021 BJ472□K	6.3V	X5R	4,700 pF	
JMK021 BJ103□K	6.3V	X5R	10,000 pF	