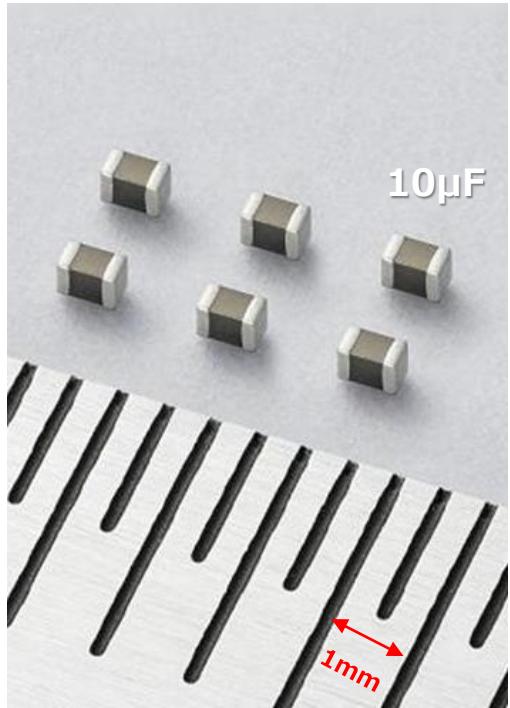


MLCC New Product Introduction

The industry's highest capacitance value of 10 μ F in the "0201" size



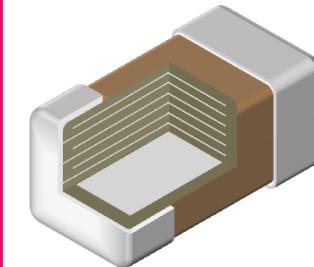
■ Product overview

size	0.6mm × 0.3mm × 0.55mm Max.
product name	KGM03 series
characteristic	X5R, X6S (EIA)
capacitance	10 μ F
tolerance	K ($\pm 10\%$) , M($\pm 20\%$)
rated voltage	4.0Vdc(X5R), 2.5V(X6S)
sample availability	Available
start of mass production	X5R: MP, X6S: CY24Q4
production plant	Kokubu plant Kagoshima Japan

The world's highest level of technology is used to realize this product.

Focus on the **core supplier** of global **high-capacity products** required by the most front-end customers

Downsizing and high capacity



$$C = \frac{\epsilon \cdot S \cdot n}{t}$$

ϵ : dielectric constant
 s : effective area
 n : number of laminates
 t : dielectric thickness

Thinning and increasing the number of layers

- Fine particle handling technology
- Thin-layer tape molding technology
- Thin-layer printing technology
- Thin-layer tape lamination technology
- High-precision lamination technology
- Stable atmosphere firing technology