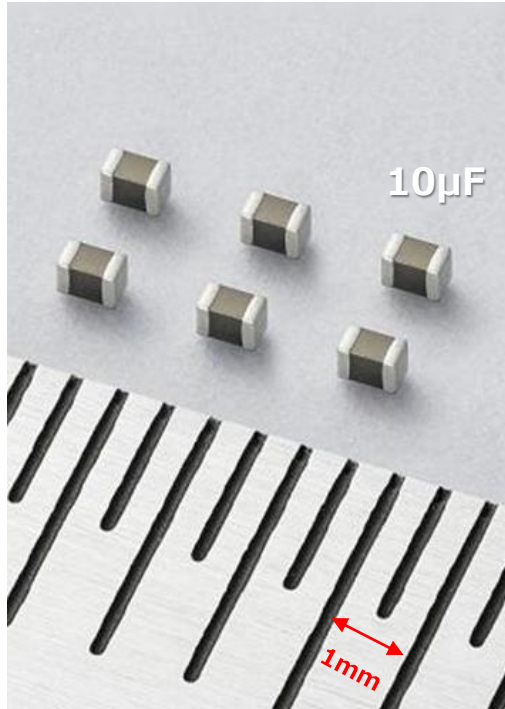


MLCC New Product Introduction

The industry's highest capacitance value
of $10\mu\text{F}$ in the "0201" size



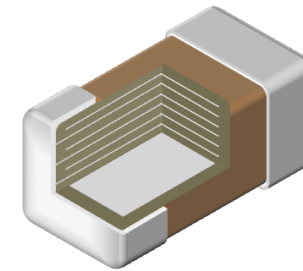
■ Product overview

| | |
|--------------------------|------------------------------|
| size | 0.6mm × 0.3mm × 0.55mm Max. |
| product name | KGM03 series |
| characteristic | X5R, X6S (EIA) |
| capacitance | 10μF |
| tolerance | K (± 10%)、M(± 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