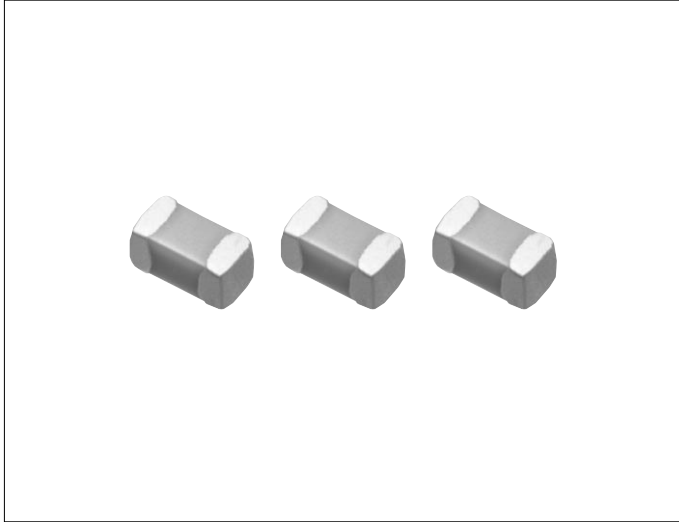


*Using breakthrough technology,
we aim for products that will create new markets.*

New Product News

Wide range of products

High capacitance 10 μ F in 0603 size



Fixed Capacitor
Multilayer Ceramic Chip Capacitor (0603 X5R 10μF)
Industry/Field: Mobile communications, AV, Information, Home appliances

• **Development Target:**

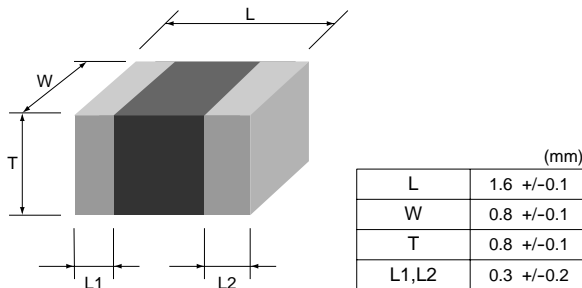
Small and high capacitance multilayer ceramic capacitors for space saving of mobile phone, digital still camera, etc.

• **Features:**

- ➊ Downsized and high capacitance thanks to fine grained high dielectric material technology, thin layered dielectric sheet technology and highly precise multilayer technology.
- ➋ Downsized approx. 49% in space and approx. 36% in height (compared to 0805).
- ➌ X5R (Capacitance change within $\pm 15\%$ at -55 to $+85^\circ\text{C}$) by optimized ceramic dielectric material composition.

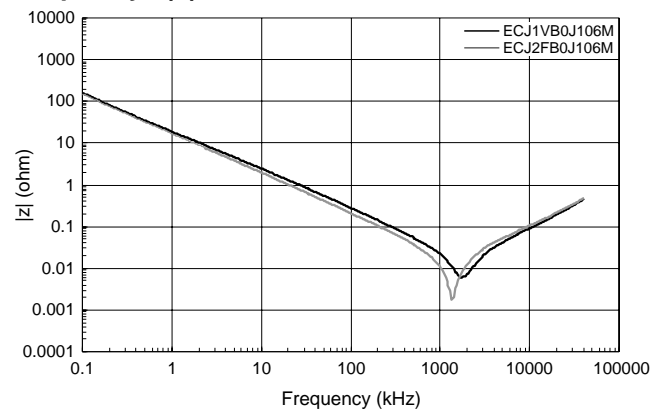
• **Number of industrial property rights: 23**

• **Construction:**



• **Characteristics/specifications:**

Frequency - |z|



• **Applications/usage examples:**

- Stabilizing of power supply voltage and Noise filtering as Decoupling capacitors for Digital IC power circuit

• **Explanation of part numbers:**

