(V) User Trend by Material

1) Laminated Ceramic Capacitor

Material Used:
BaTiO₃, MgO, TiO, SrCO₃, BaCO₃,
Pb(Zr, Ti)O₂, etc.

(a) Laminated Ceramic Capacitor

Outline

Ceramic capacitors are classified as follows.

(Classification of Ceramic Capacitor)

*for Temperature compensation (class I)

--- mainly used for LC filters

--- *General high dielectric constant (class II)

--- *Semiconductor capacitor (class III)

--- *Laminated capacitor

*Laminated chip capacitor (others)

Rapid increase is currently seen in demand for semiconductor ceramic capacitors and laminated ceramic capacitors.