

## FEATURES

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### 1. FEATURES OF PMLCAP®

◆ **The dielectric polymer is submicron thickness**

Structure of PMLCAP® piles up dielectric thin film and inner electrode (aluminum) in turn. Achieved small size, lightweight and high capacitance compared with conventional film capacitors.

◆ **The dielectric material which has excellent temperature characteristics is selected**

Within category temperature range, capacitors have excellent temperature characteristics, and capacitors can be used without voltage derating.

◆ **Excellent characteristics**

Excellent characteristics "less buzz" and "no capacitance change by DC bias" due to no piezoelectric effect. Ideal high quality parts for sound equipment with less harmonic distortion, using a dielectric thin film polymer formed by vacuum deposition.

◆ **Avoidance of risk of ignition and smoking**

The risk of ignition and smoking are decreased by using non-self-ignition materials.

◆ **Low dielectric absorption**

Characterized low dielectric absorption by using dielectric of low dielectric absorption

◆ **Pb-free reflow soldering method available** MU series, MR series, ST series

Capacitors have applicability to Pb-free reflow soldering.

### 2. APPLICATIONS

◆ **For I/O of DC/DC converters**

◆ **For around various digital circuits**

(Decoupling of DSP driving power supply, Low pass filter, By-pass circuit, Coupling between signal lines, etc.)

◆ **For By-pass circuit to decrease EMC noise**