

### 特長

#### 1. “PZ-CAP” 优点

“PZ-CAP”，由于在阴板上使用了导电性能非常优良的导电性高分子，所以在达到小型、轻薄的同时，还具有等效串联电阻低和良好高频特性。

最适合电子产品的数码化、高频化。除此之外，它也具有优良的耐热性和稳定性。

- ◆低阻抗、低ESR（高频领域）  
因为拥有理想的频率特性，所以可以在高频领域用于消除噪音。
- ◆高允许纹波电流  
允许纹波电流大，可用于开关式电源的电源平滑。
- ◆稳定的温度特性  
工组温度范围内、拥有稳定的温度特性。
- ◆回流焊接对应  
拥有高焊锡耐热性能、可以对应回流焊接（温度峰值：260℃）
- ◆高电压化  
通过选定导电性高分子材料与开发制造方法，达成高电压化。

#### 2. 用 途

- ◆电路中的作用  
消除噪音、电源平滑、高纹波电路。
- ◆适用机器  
逆变电路、LED背光、IGBT门驱动电路、产业设备、通讯设备电源、无刷DC马达等。

### FEATURES

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“PZ-CAP” has lowest E.S.R. level and excellent performance high frequency though low profile.

“PZ-CAP” is an ideal capacitor for digital and high frequency devices. Furthermore, it has high heat resistance and high reliability.

- ◆Low impedance and low E.S.R. at high frequency.  
“PZ-CAP” is suitable for noise rejection.
- ◆High ripple current capability.
- ◆Excellent temperature characteristics within the category temperature range
- ◆Reflow soldering method available  
“PZ-CAP” may has applicability to reflow soldering at 260°C (peak temperature) .
- ◆Achieved higher voltage  
By select polymer and development of a method for manufacturing, PZ-CAP is achieved higher voltage.

#### 2. APPLICATIONS

- ◆Application circuit  
Noise-Limiter, Smoothing circuit of power supply, High Ripple circuit.
- ◆Applied equipment  
Inverter Circuit, LED Back Light, IGBT Gate Drive, Power Supply for Industrial, Telecommunication device, Brushless DC motor, UPS etc.