

“PZ-CAP” 使用注意事项

“PZ-CAP” 在使用时，除了「铝电解电容器的注意事项」以外，下述“PZ-CAP”特有的注意事项也请留意。

电路设计注意事项

1) 使用电路

- PZ-CAP在以下电路中，会发生不良，请不要使用。
 - ①时间常数电路
 - ②耦合电路
 - ③受大漏电流影响的电路
 - ④高阻抗电压保持电路
 - ⑤多个直接串联电路
- 不要使急速充放电的电路超过10A。

2) 电容器的绝缘：

- 电容器的外装树脂不保证绝缘。请不要使用在要求绝缘的地方。

3) 限定用途

- 需要极高可靠性的电路，对社会产生重大影响、对生命、身体产生危险性的用途（交通运输、医疗设备、航空航天设备、核能设备等），在使用前请与我们联系。

※详细内容请参阅JEITA RCR-2367B。

JEITA RCR-2367B

《电子机器用固定铝电解电容器使用注意事项指南》

[社团法人 电子技术信息产业协会， 1995年3月制定，
2002年3月改订]

CAUTION FOR PROPER USE OF “PZ-CAP”

Upon using "PZ-CAP", in addition to "CAUTION FOR PROPER USE OF ALUMINUM ELECTROLYTIC CAPACITORS", please pay attention to notes shown in the below.

CAUTION DURING CIRCUIT DESIGN

1) Applications

- Do not use PZ-CAP in the following circuit.
 - ①Time-constants circuits
 - ②Coupling circuits
 - ③Circuits significantly affected by leakage current
 - ④High-impedance voltage retention circuits
 - ⑤2 or more capacitors directly connected in series
- Do not exceed 10A rush current in rapid charge and discharge applications.

2) Insulation

- The laminate coating of “PZ-CAP” is not recognized as an insulator, and therefore, the standard capacitor should not be used in a place where insulation function is needed.

3. Limited applications

“PZ-CAP” is not used in special circuit (transportation equipment, medical equipment, aerospace equipment, space equipment, nuclear equipment etc) where a defect in this component may cause the loss of human life or other significant damage. In the case of high reliability applications circuit/equipment, please contact us in advance.

For further details

Please refer to:

- ①“CAUTION FOR PROPER USE OF ALUMINUM ELECTROLYTIC CAPACITORS”
- ②JEITA RCR-2367C(Safety Application Guide for fixed aluminum electrolytic capacitors for use in electronic equipment).