

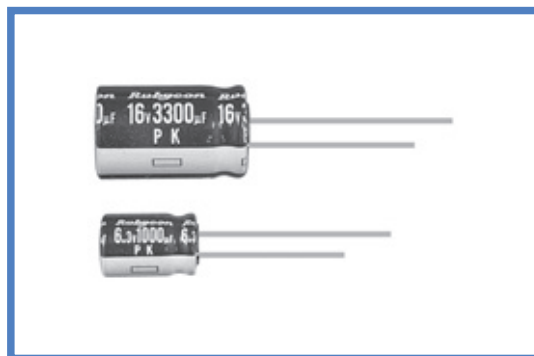
PK 系列
SERIES

85°C标准品
85°C Standard

◆特 长 / FEATURES

- 85°C 2000小时品。
Load life : 85°C 2000 hours.

- RoHS指令对应品。
RoHS compliance.



◆规格表 / SPECIFICATIONS

| 项 目 Items | 特 性 Characteristics | | | | | | | | | | | | | | |
|--|---|---|--|--|--|--|--|--|--|--|--|--|---------------|--|--|
| 工作温度范围 Category Temperature Range | -40 ~ +85°C | -25 ~ +85°C | | | | | | | | | | | | | |
| 额定电压范围 Rated Voltage Range | 6.3 ~ 400V.DC | 450V.DC | | | | | | | | | | | | | |
| 静电容量允许差 Capacitance Tolerance | ±20%(20°C, 120Hz) | | | | | | | | | | | | | | |
| 漏 电 流 Leakage Current (MAX) | 6.3 ~ 100V.DC | 160 ~ 450V.DC | | | | | | | | | | | | | |
| | 小于I=0.01CV和3μA中的较大值 I=0.01CV or 3μA whichever is greater. (施加额定电压2分钟后) (After 2 minutes application of rated voltage) | CV ≤ 1000 | CV > 1000 | | | | | | | | | | | | |
| | | I=0.1CV + 40μA以下(1分钟值) I=0.1CV + 40μA (1minute) | I=0.04CV + 100μA以下(1分钟值) I=0.04CV + 100μA (1minute) | | | | | | | | | | | | |
| | I=0.03CV + 15μA以下(5分钟值) I=0.03CV + 15μA (5minutes) | I=0.02CV + 25μA以下(5分钟值) I=0.02CV + 25μA (5minutes) | | | | | | | | | | | | | |
| | I = 漏电流(μA) Leakage Current | C = 额定静电容量(μF) Rated Capacitance | | | | | | | | | | | | | |
| 损失角正切值 (tan δ) Dissipation Factor (MAX) | 额定电压 (V) Rated Voltage | | | | | | | | | | | | (20°C, 120Hz) | | |
| | tan δ | | | | | | | | | | | | | | |
| 耐 久 性 Endurance | 在85°C环境中, 不超过额定电压的范围内叠加额定纹波电流, 连续加载2000小时后, 满足以下各项要求。 After applying rated voltage with rated ripple current for 2000 hours at 85°C, the capacitors shall meet the following requirements. | | | | | | | | | | | | | | |
| | 静电容量变化率 Capacitance Change | | | | | 初期值的+25%以内 Within ±25% of the initial value. | | | | | | | | | |
| | 损失角正切值 Dissipation Factor | | | | | 规格值的200%以下 Not more than 200% of the specified value. | | | | | | | | | |
| 低 温 特 性 Low Temperature Stability (阻抗比) Impedance Ratio (MAX) | 额定电压 (V) Rated Voltage | | | | | | | | | | | | (120Hz) | | |
| | Z(-25°C)/Z(20°C) | | | | | | | | | | | | | | |
| | Z(-40°C)/Z(20°C) | | | | | | | | | | | | | | |

◆纹波电流修正系数 /
MULTIPLIER FOR RIPPLE CURRENT
频率系数 Frequency Coefficient

| 频率 (Hz) Frequency | 60(50) | 120 | 500 | 1k | 10k ≤ |
|----------------------|--------|------|------|------|-------|
| 0.47 ~ 1μF | 0.50 | 1.00 | 1.20 | 1.30 | 1.50 |
| 2.2 ~ 4.7μF | 0.65 | 1.00 | 1.20 | 1.30 | 1.50 |
| 10 ~ 47μF | 0.80 | 1.00 | 1.20 | 1.30 | 1.50 |
| 100 ~ 1000μF | 0.80 | 1.00 | 1.10 | 1.15 | 1.20 |
| 2200 ~ 33000μF | 0.80 | 1.00 | 1.05 | 1.10 | 1.15 |

◆副记号 / OPTION

| | 记号 Code |
|------------------|---------|
| PET套管 PET Sleeve | EFC |

◆产品型号体系 / PART NUMBER

| | | | | | | |
|-----------------------|----------------|-----------------------------|----------------------------------|---------------|------------------------|-------------------|
| □□□ | PK | □□□□□ | M | □□□ | □□ | D × L |
| 额定电压 Rated Voltage | 系列名称 Series | 额定静电容量 Rated Capacitance | 静电容量允许差 Capacitance Tolerance | 副记号 Option | 引线加工记号 Lead Forming | 铝壳尺寸 Case Size |

◆尺寸图 / DIMENSIONS (mm)

