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| 低损耗型陶瓷电容器**Low loss type ceramic capacitors** |  |

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| **概述*** 损耗小发热低
* 介质耐压强度高
* 有铅，但符合ROHS标准豁免条款
* 广泛使用于平板电视、监控电路、节能灯、电子整流器及其它高压高频电路

**特性** | **Introduction*** Low loss, less heat
* High dielectric voltage withstanding strength
* Have a lead, but comply with ROHS standard exemption clause
* Widely used in FPTV, monitoring circuit, CFL, electronic ballast and other high voltage, high frequency circuit

**Specifications** |

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| 操作温度范围Operating temperature range | -25°C to +85°C |
| 电容量 (CR)Capacitance (CR) | Range： 100pF to 0.01uFTolerance： K(±10%), M(±20%)在25±1°C下使用1kHz 1.0Vrms进行测量，在允许偏差范围内。Measured at 1kHz, 1.0Vrms and 25°C±1°C, within the specified tolerance. |
| 损耗角正切(tanδ)Tangent of loss angle (tanδ) | Y5P (Bn), ≤0.005; Y5R, ≤0.002测量条件同“电容量(CR)”Measured condition see “Capacitance (CR)” |
| 额定电压(UR)，DCRated Voltage (UR), DC | 500V ~ 6000V在两导线间施加1.5倍额定电压再加500V，时间1s到5s（充/放电流小于50mA）。The capacitor should not be damaged when 1.5 times rated voltage plus 500V is applied between the lead wires for 1 to 5 sec (Charge / Discharge current ≤50mA). |
| 绝缘电阻Insulation Resistance | >10 000MΩ在两导线间施加500Vdc进行测量，时间不超过1分钟（如果绝缘电阻达到要求值时，试验可以在更短的时间内结束）。The insulation resistance should be measured with a DC500V at normal temperature and humidity and less than 1 min. of charging (The test may be terminated in a shorter time, if the required value of insulation resistance is reached). |
| 温度特性Temperature characteristic | Y5P (Bn), Y5R |

**电容量与尺寸规格表**

**Capacitance and Dimension Chart**

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| 温度特性 T. C. | Y5P (Bn) | Y5R |
| 额定电压，VDCRated Voltage, VDC | 1kV | 2kV3kV | 4kV | 6kV | 500V | 1kV | 2kV3kV |
| 容量 Cap. (pF) |  |
| 100120150180 |  | EE | EE | GGGG |  | E | E |
| 220270330390 | EEEE | EEEE | GGGG | GGGI | D | EEEE | EEEF |
| 470560680820 | EEEE | EEGH | IIJK | JKKL | DDEF | EGGI | GHIJ |
| 1000150022003300 | FHJK | HJLO | LMOP | M | FHJL | IJMN | LMNP |
| 470068001000022000 | NPR | PRT |  |  | M | P | T |
| 误差 Tolerance (%) | ±10 | ±10 |
| T, mm max. | 4.0 | 4.5 | 5.0 | 6.0 | 3.5 | 4.0 | 4.5 |
| F, ±0.8mm | 5.0 | 5.0/7.5 | 7.5/10 | 10 | 5.0 | 5.0 | 5.0/7.5 |
| D, ±0.05mm | 0.45 | 0.50 | 0.55 | 0.60 | 0.45 | 0.45 | 0.50 |
| L, mm min. | 脚长可以根据客户需求订制（没有要求时，脚长不小于20mm）Lead length by customer requirements (No requirement: 20mm min.) |
| 包封 Coating | 环氧树脂 Epoxy resin |

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| 代码 Code | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T |
| D, mm max. | 5.0 | 5.5 | 6.0 | 6.5 | 7.0 | 7.5 | 8.0 | 8.5 | 9.0 | 10.0 | 11.0 | 12.0 | 13.0 | 14.0 | 15.0 | 16.0 | 18.0 | 20.0 | 22.0 | 25.0 |