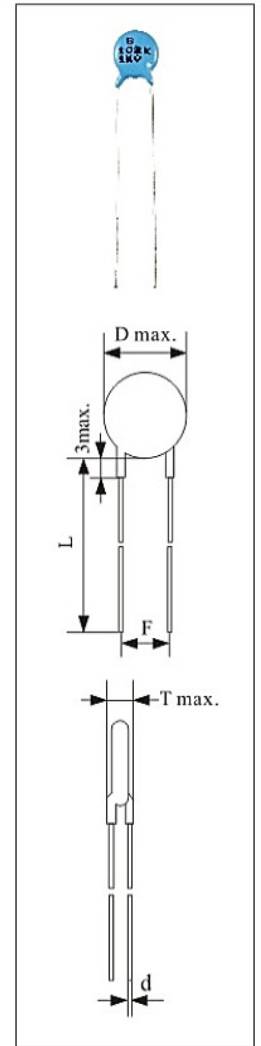


技术指标 Specification

| No | 名称 Item | 技术要求 Specification |
|----|--|---|
| 1 | 使用温度范围 Operating temperature | -25 ~ 85°C; (-25 ~ 125°C); (Z5U: 10 ~ 85°C); (Z5U: 10 ~ 125°C) |
| 2 | 电容量 (C _n) 和介质损耗测试条件 Capacitance (C _n) and Dissipation Factor testing condition | 25°C, 1Vrms, I类Class I: 1MHZ, II类Class II: 1KHz |
| 3 | 介质损耗 Dissipation factor(tg δ) | Y5P(普通型 Ordinary)、Y5U、Z5U、Y5V: tg δ ≤ 2.0% Y5P (低损耗型 Low dissipation type): tg δ ≤ 0.5% YR: tg δ ≤ 0.3% SL: CR < 30pF, Q ≥ 400+20CR; CR ≥ 30pF, Q ≥ 1000 |
| 4 | 额定电压 Rated voltage (U _n) | 1KVDC, 2KVDC, 3KVDC |
| 5 | 耐电压 Voltage roof | 2U _n |
| 6 | 绝缘电阻 Insulation resistance(R) | R _i ≥ 10000MΩ (500VDC) |
| 7 | 温度特性 Temperature characteristic | Y5P、Y5U、Z5U、Y5V、YR、CO、SL |

电容量与尺寸对照表 Capacitance & dimension chart

| 额定电压 Rated voltage (VDC) | 尺寸代码 Size code | 产品尺寸 Dimension (mm) | | 电容温度系数组别 Temperature coefficient group | | | | | | | 引线尺寸 Lead size (mm) | | 编带式样 Taping style |
|--------------------------------|-------------------|-------------------------|--------------------------|---|------------|----------------------------------|-------------|----------|--|-----------|------------------------|---------------------|----------------------|
| | | 直径 Diameter D max | 厚度 Thickness T max | Y5P(B) (普通型) (General dissipation type) | Y5U (E) | Z5U (E) | Y5V (F) | SL CO | Y5P(B) (低损耗型) (Low dissipation type) | YR | 间距 Space F | 直径 Diameter d | |
| 1 | 22 | 5.5 | 4.0 | 标称电容量范围 Nominal capacitance (pF) | | | | | | | 5.0±1.0 | L,J | F |
| | 26 | 6.8 | | 56-560 | 1000 | 1000,1500 | 1000,2200 | 10-82 | 100-470 | 100-220 | | | |
| | 30 | 7.8 | | 680 | 1500 | | 3300 | 91-110 | 560-680 | 330-470 | | | |
| | 34 | 9.0 | | 820,1200 | 2200 | 2200 | 4700 | 120-160 | 820-1000 | 560-680 | | | |
| | 36 | 9.8 | | 1500,1800 | 3300 | 3300 | 6800 | 180-240 | 1500 | 820,1000 | | | |
| | 39 | 10.5 | | 2200 | 4700 | 4700 | 8200-10000 | 270-330 | 1800,2200 | 1200-1500 | | | |
| | 43 | 11.5 | | 2700 | 6800 | 6800 | | 360-390 | 2700 | | | | |
| | 46 | 12.3 | | 3300 | | | | 430-470 | 3300 | 1800 | | | |
| | 49 | 13.0 | | 3900 | 10000 | 10000 | 15000 | 510-620 | 3900 | 2200 | | | |
| | 53 | 14.0 | | 4700 | | | | | 4700 | 2700 | | | |
| | 56 | 14.7 | | 5600 | | | | | 5600 | 3300 | | | |
| | 59 | 15.5 | | 6800 | | | 22000 | | 6800 | 3900 | | | |
| | 63 | 16.5 | | 8200 | | | | | 8200 | 4700 | | | |
| | 69 | 18.0 | | 10000 | | | | | 10000 | 5600 | | | |
| | 75 | 19.5 | | | | | | | | | | | |
| | 2 | 22 | | 5.5 | 5.0 | 标称电容量范围 Nominal capacitance (pF) | | | | | | | |
| 26 | | 6.8 | 68-470 | 470-1000 | | | 1000-1500 | 39-51 | 100-470 | 100-270 | | | |
| 30 | | 7.8 | 560,680 | 1500 | | | 2200-2700 | 56-82 | 560,680 | 330,390 | | | |
| 34 | | 9.0 | 820-1000 | 2200 | | | 3300 | 91-110 | 820,1000 | 470 | | | |
| 36 | | 9.8 | 1200 | 3300 | | | 4700 | 120-160 | 1200 | 560,680 | | | |
| 39 | | 10.5 | 1500 | | | | 6800 | 180,200 | 1500 | 820 | | | |
| 43 | | 11.5 | 1800 | | | | | 220,240 | 1800 | 1000 | | | |
| 46 | | 12.3 | 2200 | 4700 | | | 10000 | 270,300 | 2200 | 1200 | | | |
| 49 | | 13.0 | 2700 | 6800 | | | | 330,360 | 2700 | 1500 | | | |
| 53 | | 14.0 | 3300 | | | | | 390 | 1800 | 1800 | | | |
| 56 | | 14.7 | 3900 | 10000 | | | 15000 | | 3300 | 2200 | | | |
| 59 | | 15.5 | | | | | | | 3900 | | | | |
| 63 | | 16.5 | | | | | | | 4700 | 2700 | | | |
| 69 | | 18.0 | 4700 | | | | | | 3300 | | | | |
| 75 | | 19.5 | 5600 | | | | 20000-22000 | | 5600 | | | | |
| 3 | | 26 | 6.8 | 6.0 | | 标称电容量范围 Nominal capacitance (pF) | | | | | | | 7.5±1.0 7.5±1.0 |
| | 30 | 7.8 | 56-270 | | 470,680 | | 1000,1500 | 5-39 | 100-270 | | | | |
| | 34 | | 331-470 | | 1000 | | | 43-56 | 330,470 | | | | |
| | 36 | | 560,680 | | 1500 | | 2200 | 62-82 | 560,680 | | | | |
| | 39 | | 820-1000 | | 2200 | | 3300 | 91-110 | 820 | | | | |
| | 43 | | 1200 | | 3300 | | 4700 | | 1200 | | | | |
| | 46 | | 1500 | | | | 6800 | | 1500 | | | | |
| | 49 | | 1800 | | | | | | 1800 | | | | |
| | 53 | | 2200 | | 4700 | | | | | | | | |
| | 56 | | 2700 | | | | 10000 | | 2200 | | | | |
| | 59 | | | | 6800 | | | | 2700 | | | | |
| | 63 | | 3300 | | | | | | 3300 | | | | |
| | 69 | | 3900 | | | | 15000 | | | | | | |
| | 75 | | 4700 | | 10000 | | | | | | | | |



高压圆片瓷介电容器具有耐直流高压的特点。适用于高压旁路和耦合电路中。其中的低损耗高压圆片瓷介电容器具有较低的介质损耗。
The high voltage disc ceramic capacitors have feature of withstanding higher voltage. These capacitors are used in bypass and coupling circuit.
The high voltage disc ceramic capacitors with low dissipation Factor particularly.

适用标准 Applies to the standard

Gb9599 Cc81型高压瓷介电容器 Detailed specification for electronic components high voltage ceramic capacitors type CC81
GB9600 Ct81型高压瓷介电容器 Detailed specification for electronic components high voltage ceramic capacitors type Ct81