

CL21 型金属化聚酯薄膜电容器

Metallized Polyester Film Capacitor Type CL21

■ 特点 Features

- 体积小容量大 具有自愈性能 Small size, large capacitance values; self-healing property

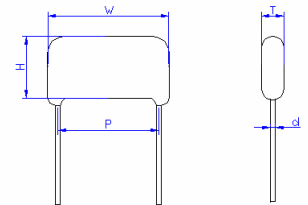
■ 用途 Applications

- 直流和 VHF 级信号隔直，旁路和耦合电路 Blocking, by-pass and coupling of DC and signals to VHF range
- 用于逻辑和时间电路 Logic and timing circuit
- 轻值脉冲形成网络 Light duty pulse forming network
- 广泛用于滤波，降噪和低脉动电路中 Widely applied to filtration, noise suppression and low pulsating circuits

■ 技术规范 Technical Specifications

- 引用标准 Reference Standard: GB7335-87
- 额定值和特性 Ratings and characteristics
- 气候类别 Climate category: 55/085/21
- 额定电压 Rated voltage: 50/100/160V, 250V, 400V, 630V
- 电容量范围 Capacitance range: 0.01~4.7μF
- 电容量偏差 Capacitance tolerance: ±5% (J)、±10% (K)、±20% (M)
- 损耗角正切: $\leq 10 \times 10^{-3}$ (20°C, 1kHz)
- 耐电压 voltage proof: 1.75U_r(5s)
- 绝缘电阻 Withstand voltage: Cr \leq 0.33μF, U_R \leq 100V, R \geq 20000MΩ; U_R>100V, R \geq 40000MΩ

$$Cr > 0.33\mu F, U_R \leq 100V, RC \geq 6600S; U_R > 100V, RC \geq 12000S$$



● 结构 Construction

- 金属化聚酯薄膜，环氧树脂包封 Metallized Polyester film, flame-retardant epoxy resin coating

■ 外形尺寸 Dimensions(mm)

| 电容量(μF) | 50V/100V/160V | | | | | 250V | | | | | 400V | | | | | 630V | | | | |
|---------|---------------|------|------|-----|-----|------|------|------|-----|-----|------|------|------|-----|-----|------|------|------|-----|-----|
| | Wmax | Hmax | Tmax | p±1 | d | Wmax | Hmax | Tmax | p±1 | d | Wmax | Hmax | Tmax | p±1 | d | Wmax | Hmax | Tmax | p±1 | d |
| 0.015 | 10 | 7.7 | 4.6 | 7.5 | 0.6 | 10 | 7.7 | 4.6 | 7.5 | 0.6 | 10 | 7.7 | 4.6 | 7.5 | 0.6 | 10 | 7.7 | 4.6 | 7.5 | 0.6 |
| 0.022 | 10 | 7.7 | 4.6 | 7.5 | 0.6 | 10 | 7.7 | 4.6 | 7.5 | 0.6 | 10 | 7.7 | 4.6 | 7.5 | 0.6 | 10 | 7.7 | 4.6 | 7.5 | 0.6 |
| 0.033 | 10 | 7.9 | 4.7 | 7.5 | 0.6 | 10 | 7.9 | 4.7 | 7.5 | 0.6 | 10 | 7.9 | 4.7 | 7.5 | 0.6 | 10 | 7.9 | 4.7 | 7.5 | 0.6 |
| 0.047 | 10 | 8 | 4.6 | 7.5 | 0.6 | 10 | 8 | 4.6 | 7.5 | 0.6 | 10 | 8 | 4.6 | 7.5 | 0.6 | 10 | 8 | 4.6 | 7.5 | 0.6 |
| 0.068 | 10 | 8 | 4.6 | 7.5 | 0.6 | 10 | 8 | 4.6 | 7.5 | 0.6 | 10 | 8 | 4.6 | 7.5 | 0.6 | 10 | 9 | 6 | 7.5 | 0.6 |
| 0.1 | 10 | 8.1 | 4.8 | 7.5 | 0.6 | 10 | 8.1 | 4.8 | 7.5 | 0.6 | 10 | 8.5 | 5 | 7.5 | 0.6 | 13 | 10 | 6.5 | 7.5 | 0.6 |
| 0.15 | 10 | 8.6 | 4.8 | 7.5 | 0.6 | 10 | 8.6 | 4.8 | 7.5 | 0.6 | 13 | 10 | 5 | 10 | 0.6 | 13 | 11 | 8 | 10 | 0.6 |
| 0.22 | 10 | 9 | 5 | 7.5 | 0.6 | 13 | 9 | 5 | 10 | 0.6 | 13 | 11 | 6 | 10 | 0.6 | 18 | 11.5 | 6.5 | 15 | 0.8 |
| 0.33 | 10 | 8.5 | 5 | 7.5 | 0.6 | 13 | 10 | 6 | 10 | 0.6 | 18 | 11 | 6 | 15 | 0.8 | 18 | 13 | 8 | 15 | 0.8 |
| 0.47 | 10 | 9 | 5.5 | 7.5 | 0.6 | 18 | 10.5 | 5.5 | 15 | 0.8 | 18 | 12 | 6 | 15 | 0.8 | 18 | 14 | 9 | 15 | 0.8 |
| 0.68 | 13 | 10 | 5.5 | 10 | 0.6 | 18 | 11.5 | 6.5 | 15 | 0.8 | 18 | 14 | 9 | 15 | 0.8 | 23 | 15 | 8.5 | 20 | 0.8 |
| 1.0 | 13 | 11 | 6.5 | 10 | 0.6 | 18 | 13 | 8 | 15 | 0.8 | 18 | 16 | 11 | 15 | 0.8 | | | | | |
| 1.5 | 18 | 11 | 6 | 15 | 0.8 | 18 | 14.5 | 10 | 15 | 0.8 | 23 | 17 | 10 | 20 | 0.8 | | | | | |
| 2.2 | 18 | 12 | 7 | 15 | 0.8 | 18 | 16.5 | 12 | 15 | 0.8 | 23 | 19 | 12.5 | 20 | 0.8 | | | | | |

注：表中以外的规格和尺寸，可以商谈。

Note: Other specifications and sizes out of the table are negotiable.

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