

METALLIZED CAPACITORS METALLIZED POLYESTER FILM CAPACITORS

CL21

Series 金屬化聚酯膜電容器

結構 CONSTRUCTION

Polyester film dielectric with vacuum-evaporated metal electrodes, radial leads of tinned wire are electrically welded to the contact metal layer on the ends of capacitor winding, epoxy resin coating.

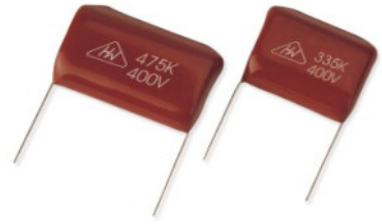
聚酯介質，真空蒸金屬電極，鍍錫導線徑向點焊於電容器兩端面金屬層，環氧樹脂包封。

特點 FEATURE

Non-inductive construction
Self-healing
High reliable and superior performance in high frequency application
無感型結構
自愈型
高頻應用中具高可靠性及優良特點

用途 APPLICATION

Filter and noise suppression circuit Pulse logic and timing circuit
DC-blocking, by-passing and signal coupling in general communication equipment
濾波及噪音抑制回路
脈衝、邏輯、定時回路通訊設備中之直流減振，旁路及信號耦合



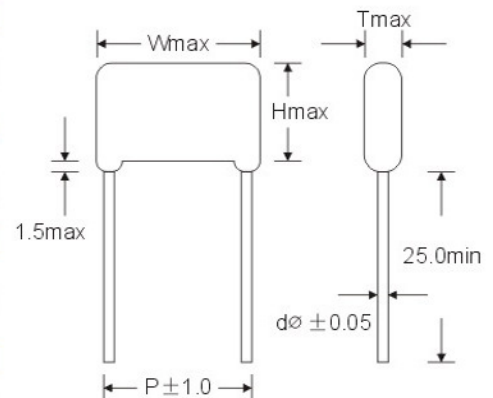
技術要求 SPECIFICATIONS

| | |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 引用標準 Reference Standard | GB7335 |
| 溫度範圍 Temperature Range | -40°C ~ +85°C (From 85°C up to 105°C with derating voltage 1.25%/°C 85°C 至105°C 間按1.25%/°C 遞減電壓) |
| 靜電容量誤差 Capacitance Tolerance | K= ± 10% J= ± 5% |
| 損失角(損耗角正切) Dissipation Factor (Tangent of Loss) | < 1.0%(20°C, 1kHz) |
| 耐電壓 Voltage Proof | 1.5U _r (5s) |
| 絕緣電阻 Insulation Resistance | > 7500MΩ CR < 0.33 μF > 2500s CR > 0.33 μF (20°C, 1min) |
| 耐久性 Endurance | 1000hours with 125% of rated voltage at 85°C after the test 85°C 條件下， 125%之額定電壓1000小時，試驗完成後 ΔC/C ≤ 5% Δ(DF) < 0.20% ΔC > 0.33 μF; 1R > 7500MΩ; C > 0.33 μF; IR * C > 2500 ΩF (20°C 1KHZ) |

尺寸 DIMENSION

單位 Unit:mm

| CAPACITANCE | | 100VDC | | | | | 250VDC | | | | | 400VDC | | | | | 630VDC | | | | |
|-------------|-------|--------|------|------|------|-----|--------|------|------|------|-----|--------|------|------|------|-----|--------|------|------|------|-----|
| SYMBOL | μF | W | H | T | P | dø | W | H | T | P | dø | W | H | T | P | dø | W | H | T | P | dø |
| 103 | 0.010 | 13.0 | 10.0 | 5.5 | 10.0 | 0.6 | 13.0 | 10.0 | 5.5 | 10.0 | 0.6 | 13.0 | 10.0 | 5.5 | 10.0 | 0.6 | 13.0 | 10.5 | 6.0 | 10.0 | 0.6 |
| 153 | 0.015 | 13.0 | 10.0 | 5.5 | 10.0 | 0.6 | 13.0 | 10.0 | 5.5 | 10.0 | 0.6 | 13.0 | 10.0 | 5.5 | 10.0 | 0.6 | 13.0 | 10.5 | 6.0 | 10.0 | 0.6 |
| 223 | 0.022 | 13.0 | 10.0 | 5.5 | 10.0 | 0.6 | 13.0 | 10.0 | 5.5 | 10.0 | 0.6 | 13.0 | 10.0 | 5.5 | 10.0 | 0.6 | 13.0 | 10.5 | 6.5 | 10.0 | 0.6 |
| 333 | 0.033 | 13.0 | 10.0 | 5.5 | 10.0 | 0.6 | 13.0 | 10.0 | 5.5 | 10.0 | 0.6 | 13.0 | 11.0 | 6.5 | 10.0 | 0.6 | 13.0 | 11.5 | 7.0 | 10.0 | 0.6 |
| 473 | 0.047 | 13.0 | 10.0 | 5.5 | 10.0 | 0.6 | 13.0 | 10.0 | 5.5 | 10.0 | 0.6 | 13.0 | 11.5 | 7.0 | 10.0 | 0.6 | 18.0 | 10.0 | 6.0 | 15.5 | 0.8 |
| 683 | 0.068 | 13.0 | 10.0 | 5.5 | 10.0 | 0.6 | 13.0 | 10.0 | 5.5 | 10.0 | 0.6 | 13.0 | 12.5 | 7.5 | 10.0 | 0.6 | 18.0 | 12.0 | 8.0 | 15.0 | 0.8 |
| 104 | 0.1 | 13.0 | 15.5 | 5.5 | 10.0 | 0.6 | 13.0 | 12.0 | 5.5 | 10.0 | 0.6 | 18.0 | 11.5 | 6.5 | 15.0 | 0.8 | 18.0 | 15.0 | 9.5 | 15.0 | 0.8 |
| 154 | 0.15 | 13.0 | 12.5 | 8.0 | 10.0 | 0.6 | 13.0 | 12.5 | 6.5 | 10.0 | 0.6 | 18.0 | 14.0 | 8.0 | 15.0 | 0.8 | 24.0 | 14.0 | 9.0 | 20.0 | 0.8 |
| 224 | 0.22 | 13.0 | 12.5 | 8.0 | 10.0 | 0.6 | 13.0 | 13.5 | 7.5 | 10.0 | 0.6 | 18.0 | 15.0 | 9.0 | 15.0 | 0.8 | 24.0 | 16.5 | 10.5 | 20.0 | 0.8 |
| 334 | 0.33 | 13.0 | 13.0 | 8.5 | 10.0 | 0.6 | 18.0 | 14.0 | 8.0 | 15.0 | 0.8 | 18.0 | 16.5 | 10.0 | 15.0 | 0.8 | 24.0 | 18.0 | 12.0 | 20.0 | 0.8 |
| 474 | 0.47 | 13.0 | 13.0 | 8.5 | 10.0 | 0.6 | 18.8 | 16.0 | 9.5 | 15.0 | 0.8 | 24.0 | 17.5 | 10.5 | 20.0 | 0.8 | 30.0 | 22.5 | 12.5 | 27.5 | 0.8 |
| 684 | 0.68 | 18.0 | 13.5 | 8.0 | 15.0 | 0.8 | 24.0 | 14.0 | 9.5 | 20.0 | 0.8 | 24.0 | 19.0 | 12.0 | 20.0 | 0.8 | 30.0 | 23.5 | 14.0 | 27.5 | 0.8 |
| 105 | 1.0 | 18.0 | 16.0 | 9.5 | 15.0 | 0.8 | 24.0 | 18.0 | 10.5 | 20.0 | 0.8 | 30.0 | 21.5 | 12.0 | 27.5 | 0.8 | 30.0 | 25.5 | 15.5 | 27.5 | 0.8 |
| 155 | 1.5 | 24.0 | 19.5 | 12.0 | 20.0 | 0.8 | 24.0 | 20.0 | 11.5 | 20.0 | 0.8 | 30.0 | 24.0 | 14.0 | 27.5 | 0.8 | | | | | |
| 225 | 2.2 | 24.0 | 21.0 | 13.0 | 20.0 | 0.8 | 30.0 | 23.0 | 16.0 | 27.5 | 0.8 | 30.0 | 26.0 | 16.0 | 27.5 | 0.8 | | | | | |
| 335 | 3.3 | 24.0 | 22.0 | 13.0 | 20.0 | 0.8 | 30.0 | 24.0 | 16.0 | 27.5 | 0.8 | | | | | | | | | | |
| 475 | 4.7 | 31.0 | 22.5 | 14.0 | 27.5 | 0.8 | 30.0 | 24.0 | 16.0 | 27.5 | 0.8 | | | | | | | | | | |
| 685 | 6.8 | 31.0 | 23.5 | 15.5 | 27.5 | 0.8 | 44.0 | 24.0 | 15.0 | 41.0 | 0.8 | | | | | | | | | | |
| 106 | 10 | 31.0 | 25.5 | 20.0 | 27.5 | 0.8 | | | | | | | | | | | | | | | |



可依需求制作特殊規格(SPECIAL SIZE OR ITEMS ON REQUEST)