

# 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 降壓 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 <sub>r</sub> (5s)
絕緣電阻 Insulation Resistance	> 7500MΩ CR < 0.33μF > 2500s CR > 0.33μF (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 > 0.33μF; 1R > 7500MΩ; C > 0.33μF; IR * C > 2500ΩF (20°C 1kHz)

## 尺寸 DIMENSION

單位 Unit:mm

CAPACITANCE		100VDC					250VDC					400VDC					630VDC				
SYMBOL	μF	W	H	T	P	de	W	H	T	P	de	W	H	T	P	de	W	H	T	P	de
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	0.8
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	6.5	10.0	0.8
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	0.8
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	0.8	13.0	11.5	7.0	10.0	0.8
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	0.8	13.0	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	13.0	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	13.0	11.5	6.5	15.0	0.8	13.0	16.0	9.5	16.0	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	13.0	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	13.0	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	13.0	14.0	8.0	15.0	0.8	13.0	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	13.0	15.0	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	13.0	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	13.5	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	28.0	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)

