

# METALLIZED CAPACITORS MINIATURIZED POLYPROPYLENE FILM CAPACITORS

CBB21

Series 金屬化聚丙烯薄膜電容器(含浸型)

## 結構 CONSTRUCTION

Polypropylene 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.

聚丙烯膜介質，真空蒸金屬電極，徑向鍍錫導線點焊於電容器兩面金屬層，環氧樹脂封裝。



## 特點 FEATURE

Non-inductive and self-healing

Low DF and high IR.

High stability of capacitance and DF versus temperature and frequency.

Very small inherent temperature rise.

無感型，自愈性。

低耗損，高絕緣。

容量，耗損隨溫度頻率具高穩定性。

極低內部溫升。

## 用途 APPLICATION

General resonance circuit.

Widely used in DC pulse, high frequency and high current circuit.

Providing optimum performance with small size in S-shaping correction of Colour TV set.

諧振回路。

適用於直流，脈衝高頻大電流回路。

適用於要求體積小性能優的彩電S校正電路。

## 技術要求 SPECIFICATIONS

引用標準 Reference Standard	GB10190 (IEC 60384-16)
溫度範圍 Temperature Range	-40°C ~ +85°C
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)	< 0.1%(20°C, 1kHz)
耐電壓 Voltage Proof	1.5U <sub>n</sub> (5s)
絕緣電阻 Insulation Resistance	> 25000MΩ CR < 0.33 μF > 7500s CR > 0.33 μF (20°C, 1min)
耐久性 Endurance	500hours with 125% of rated voltage at 85°C after the test: 85°C條件下，150%之額定電壓500小時，試驗完成後 ΔC/C < 2% Δ(DF) < 0.04% ΔC > 0.1 μF: IR > 15000MΩ; C > 0.10 μF: IR > 15000MΩ (at 20°C 1KHZ)

## 尺寸 DIMENSION

單位 Unit:mm

CAPACITANCE	SYMBOL	μF	250VDC					400VDC					630VDC				
			W	H	T	P	dø	W	H	T	P	dø	W	H	T	P	dø
103		0.010	130	10.0	6.0	100	0.6	130	10.0	6.0	100	0.6	130	11.0	7.0	10.0	0.6
153		0.015	130	10.0	6.0	100	0.6	130	10.0	6.0	100	0.6	130	11.5	7.5	10.0	0.6
223		0.022	130	11.0	7.0	100	0.6	130	11.0	7.0	100	0.6	180	11.0	7.0	15.0	0.8
333		0.033	130	11.0	7.0	100	0.6	180	11.0	7.0	15.0	0.6	180	12.5	8.0	15.0	0.8
473		0.047	130	11.0	7.0	100	0.6	180	11.0	7.0	15.0	0.6	180	14.5	9.0	16.0	0.8
683		0.068	190	12.5	7.0	150	0.6	190	12.5	7.0	15.0	0.6	240	14.5	9.0	20.0	0.8
104		0.10	180	12.5	7.0	150	0.8	180	12.5	8.0	15.0	0.8	240	14.5	10.0	20.0	0.8
154		0.15	180	12.5	7.5	150	0.8	180	14.5	8.0	15.0	0.8	240	27.5	11.5	20.0	0.8
224		0.22	180	14.5	9.0	150	0.8	240	14.5	9.0	20.0	0.8	31.0	20.0	11.5	27.5	0.8
334		0.33	240	14.5	9.0	200	0.8	240	17.5	11.0	20.0	0.8	31.0	20.0	13.0	27.5	0.8
474		0.47	240	14.5	10.0	200	0.8	240	20.0	11.0	20.0	0.8	31.0	24.0	15.5	27.5	0.8
684		0.68	240	17.5	11.5	200	0.8	31.0	20.0	12.0	27.5	0.8	31.0	25.5	17.0	27.5	0.8
105		1.0	31.0	20.0	11.5	27.5	0.8	31.0	21.0	15.5	27.5	0.8					
155		1.5	31.0	22.0	13.0	27.5	0.8	31.0	23.0	17.0	27.5	0.8					
225		2.2	31.0	25.0	15.5	27.5	0.8										
335		3.3	31.0	27.0	17.0	27.5	0.8										

可依需求製作特殊規格(SPECIAL SIZE OR ITEMS ON REQUEST)

