



# METALLIZED CAPACITORS POLYPROPYLENE FILM/FOIL CAPACITORS (HIGH VOLTAGE)

CBB81

Series 聚丙烯膜—箔式電容器(高壓用途)

### 結構 CONSTRUCTION

Polypropylene film dielectric with aluminum foil as outer electrodes and vacuum evaporated metal layer as inner series electrode, 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，鉛箔作外露電極，真空蒸金屬層作內部串聯電極，徑向鍍錫導線點焊於電容器兩端面金屬層，環氧樹脂封裝。

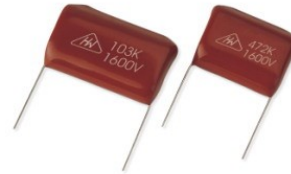
### 特點 FEATURE

High stability of capacitance and DF versus temperature and frequency.  
Special series construction for high voltage and longterm ability.  
High pulse rise rate (di/dt) and suitable for large current circuit.

容量、耗損隨溫度頻率具高穩定性。  
特殊的串聯結構適合於高壓及長期工作可靠性。  
高電流爬升速率，並適用於大電流回路。

### 用途 APPLICATION

Most suitable for high frequency large current circuit and S-shaping correction in TV set.  
適用於彩電的高壓、脈衝電路。



### 技術要求 SPECIFICATIONS

引用標準 Reference Standard	GB10188 (IEC 60384-13)
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)	< 0.08% (20°C, 1kHz)
耐電壓 Voltage Proof	1.75U <sub>n</sub> (5s)
絕緣電阻 Insulation Resistance	> 3000MΩ CR < 0.1 μF > 3000s CR > 0.1 μF (20°C, 1min)
耐久性 Endurance	1000hours with 150% 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 < 2% Δ(DF) < 0.04% ΔC > 0.1 μF; 1R > 15000MΩ; C > 0.10 μF; IR * C > 1500MΩ (at 20°C 1kHz)

### 尺寸 DIMENSION

單位 Unit:mm

CAPACITANCE	SYMBOL	μF	1000VDC					1600VDC					2000VDC				
			W	H	T	P	dø	W	H	T	P	dø	W	H	T	P	dø
102	0.0010	19.0	14.0	10.0	15.0	0.8	24.0	15.0	10.0	20.0	0.8	24.0	16.0	11.0	20.0	0.8	
152	0.0015	19.0	14.0	10.0	15.0	0.8	24.0	15.0	10.0	20.0	0.8	24.0	16.0	11.0	20.0	0.8	
222	0.0022	19.0	14.0	10.0	15.0	0.8	24.0	15.0	10.0	20.0	0.8	24.0	17.0	12.0	20.0	0.8	
332	0.0033	19.0	14.0	10.0	15.0	0.8	24.0	16.0	12.0	20.0	0.8	24.0	17.0	12.5	20.0	0.8	
472	0.0047	24.0	15.0	11.0	15.0	0.8	24.0	16.0	12.5	20.0	0.8	24.0	18.0	13.0	20.0	0.8	
682	0.0068	24.0	14.0	10.0	20.0	0.8	24.0	16.0	12.5	20.0	0.8	24.0	18.0	13.5	20.0	0.8	
103	0.010	24.0	15.0	10.0	20.0	0.8	24.0	18.0	13.0	20.0	0.8	31.0	19.0	14.0	27.5	0.8	
153	0.015	24.0	16.0	11.0	20.0	0.8	31.0	20.0	15.0	27.5	0.8	31.0	21.5	15.0	27.5	0.8	
223	0.022	31.0	18.0	12.0	20.0	0.8	31.0	22.5	17.0	27.5	0.8	31.0	25.0	17.5	27.5	0.8	
333	0.033	31.0	20.5	14.0	27.5	0.8	31.0	25.0	19.0	27.5	0.8						
473	0.047	31.0	24.0	16.0	27.5	0.8	31.0	28.0	20.0	27.5	0.8						
683	0.068	31.0	28.0	17.0	27.5	0.8											
104	0.10	31.0	30.5	18.5	27.5	0.8											

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

