

# PPS (CBB81) Metallized Polypropylene Film/foil Capacitor (High Voltage)

## 金属化聚丙烯膜—箔式电容器（高压用途）

### ★FEATURE

- High stability of capacitance and DF versus temperature and frequency
- Special series construction for high voltage and long-term ability
- High pulse rise rate (du/dt) and suitable for large current circuit

### ★APPLICATION

- Most suitable for high voltage and pulse in the horizontal resonance circuit of colour TV set

### 特点:

- 容量损耗随温度频率具高稳定性
- 特殊的串联结构适合于高电压极长期工作可靠性
- 高电压爬升速率并适用于大电流回路无感型结构

### 用途:

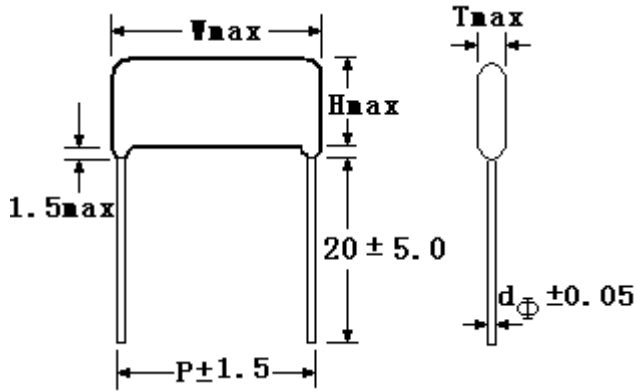
- 适用于彩电的高压、脉冲电路

### ★SPECIFICATIONS 技术要求 :

DIELECTRIC 介质	Polypropylene film 聚丙烯薄膜
ELECTRODES 电极	Aluminum foil as outer electrodes and vacuum evaporated metal layer as inner series electrode 铝箔作外露极板，真空蒸镀金属作内部串联电极
COATING 包封	Epoxy resin coating 环氧树脂封装
LEADS 导线	Radial leads of tinned wire 径向镀锡导线
REFERENCE STANDARD 引用标准	IEC 384-17; GB 14579-1993
CLIMATIC CATALOGUE 气候类别	40/85/21
CAPACITANCE VERSUS RATED VOLTAGE( $U_R$ ) 静电容量与额定误差	0.001 $\mu$ F-0.10 $\mu$ F/1000VDC; 0.001 $\mu$ F-0.047 $\mu$ F/1600VDC; 0.001 $\mu$ F-0.022 $\mu$ F/2000VDC
CAPACITANCE TOLERANCE 静电容量误差	M=±20% K=±10% J=±5%
DISSIPATION FACTOR (TANGENT OF LOSS) 散逸因素（损耗角正切）	≤ 0.10% (at 20 °C, 1KHz)
VOLTAGE PROOF 耐电压	2.0* $U_R$ Unit:VDC (1 minute at 20 °C)
INSULATION RESISTANCE 绝缘电阻	$C \leq 0.1\mu$ F; $IR \geq 30000M\Omega$ $C > 0.1\mu$ F; $IR * C \geq 5000S$ (1 minute at 20 °C and RH ≤ 65%)
ENDURANCE 耐久性	1000 hours with 125% of rated voltage at 85 °C .After the test: 85 °C 条件下，125% 之额定电压 1000 小时，试验完成后： $\Delta C/C \leq 10\%$ ; $\Delta DF \leq 0.3\%$ $IR \geq 50\%$ of the specified value (标称值)。(20 °C 1KHz)

★ OUTLINE DRAWING 外形图

★ PICTURE 实物图



★ DIMENSION 尺寸

UNIT 单位: mm

CAPACITANCE		1000VDC					1600VDC					2000VDC				
SYMBOL	$\mu F$	W	H	T	P	d $\Phi$	W	H	T	P	d $\Phi$	W	H	T	P	d $\Phi$
102	0.0010	19.0	14.0	10.0	15.0	0.8	19.0	15.0	11.0	15.0	0.8	24.0	16.0	11.0	20.0	0.8
							24.0	15.0	10.0	20.0	0.8					
152	0.0015	19.0	14.0	10.0	15.0	0.8	19.0	16.0	12.0	15.0	0.8	24.0	16.0	11.0	20.0	0.8
							24.0	15.0	10.0	20.0	0.8					
222	0.0022	19.0	14.0	10.0	15.0	0.8	19.0	17.0	13.0	15.0	0.8	24.0	17.0	12.0	20.0	0.8
							24.0	15.0	10.0	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	19.0	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	19.0	16.0	12.0	15.0	0.8	24.0	16.5	12.5	20.0	0.8	24.0	18.0	13.5	20.0	0.8
		24.0	14.0	10.0	20.0	0.8										
822	0.0082	19.0	17.0	13.0	15.0	0.8	24.0	17.0	13.0	20.0	0.8	24.0	18.5	14.0	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	18.5	11.0	27.5	0.8
223	0.022	24.0	18.5	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										

(SPECIAL SIZE OR ITEMS ON REQUEST) 可依需求制作特殊规格