

# MPP (CBB21) Metallized Polypropylene Film Capacitor (Coating)

## 金属化聚丙烯薄膜电容器

### ★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

### ★APPLICATION

- General resonance circuit
- Widely used in DC pulse, high frequency and high current circuit
- Providing optimum performance with small size of in S-shaping correction of Colour TV set

### ★SPECIFICATIONS 技术要求:

### 特点:

- 无感型, 自愈性
- 低损耗, 高绝缘
- 容量、损耗对温度、频率具高稳定性

- 极低内部温升

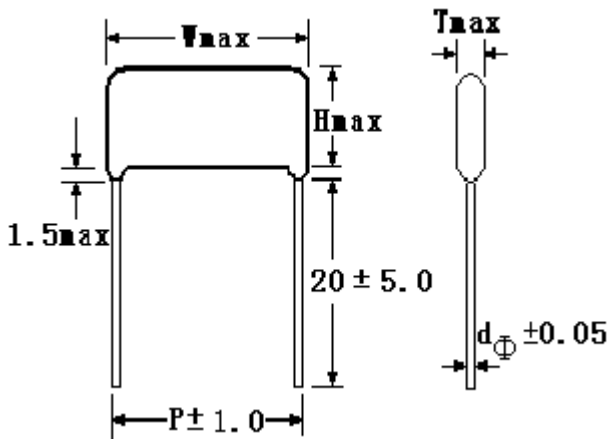
### 用途:

- 谐振回路
- 适用于直流、脉冲高频低电流回路
- 适用于要求体积小性能优的彩电 S 校正电路

DIELECTRIC 介质	Polypropylene film 聚丙烯薄膜
ELECTRODES 电极	Vacuum evaporated metal 真空蒸镀金属
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 384-16; GB 10190-1988
CLIMATIC CATALOGUE 气候类别	40/85/21
CAPACITANCE VERSUS RATED VOLTAGE (U <sub>R</sub> ) 静电容量与额定电压	0.01uF-3.3uF/100/250VDC      0.01uF-3.3uF/400VDC 0.01uF-2.2uF/630VDC
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)	DF ≤ 0.1% (at 20 °C ,1KHz)
VOLTAGE PROOF 耐电压	1.6*U <sub>R</sub> Unit:VDC (5s at 20 °C )
INSULATION RESISTANCE 绝缘电阻	C ≤ 0.33μF    IR ≥ 30000MΩ; C > 0.33μF    IR*C ≥ 5000S    (1minute 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: △ C/C ≤ 5%;    △ DF ≤ 0.4%    IR ≥ 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		160/250VDC					400VDC					630VDC				
SYMBOL	$\mu F$	W	H	T	P	d $\Phi$	W	H	T	P	d $\Phi$	W	H	T	P	d $\Phi$
103	0.010	13.0	10.0	6.0	10.0	0.6	13.0	10.0	6.0	10.0	0.6	13.0	9.0	5.5	10.0	0.6
153	0.015	13.0	10.0	6.0	10.0	0.6	13.0	10.0	6.0	10.0	0.6	13.0	11.5	7.5	10.0	0.6
223	0.022	13.0	11.0	7.0	10.0	0.6	13.0	10.0	7.0	10.0	0.6	13.0	12.0	8.0	10.0	0.8
333	0.033	13.0	11.0	7.0	10.0	0.6	13.0	11.0	7.0	10.0	0.6	18.0	12.5	8.0	15.0	0.8
473	0.047	13.0	11.0	7.0	10.0	0.6	13.0	11.0	7.0	10.0	0.6	18.0	14.5	9.0	15.0	0.8
683	0.068	13.0	12.0	7.0	10.0	0.6	18.0	12.5	7.0	15.0	0.8	18.0	17.0	10.0	15.0	0.8
		18.0	12.5	7.0	15.0	0.6						24.0	14.5	9.0	20.0	0.8
104	0.10	13.0	13.0	7.0	10.0	0.6	18.0	13.0	8.0	15.0	0.8	18.0	17.0	10.0	15.0	0.8
		18.0	12.5	7.0	15.0	0.8						24.0	14.5	10.0	20.0	0.8
154	0.15	18.0	12.5	7.5	15.0	0.8	24.0	14.5	8.0	20.0	0.8	24.0	17.5	11.5	20.0	0.8
224	0.22	18.0	14.5	9.0	15.0	0.8	24.0	14.5	9.0	20.0	0.8	31.0	20.0	11.5	27.5	0.8
334	0.33	18.0	17.0	10.0	15.0	0.8	24.0	17.5	11.0	20.0	0.8	31.0	20.0	13.0	27.5	0.8
		24.0	14.5	9.0	20.0	0.8										
394	0.39	18.0	18.0	11.0	15.0	0.8	26.0	19.0	12.0	22.5	0.8	31.0	24.5	15.5	27.5	0.8
		24.0	14.5	10.0	20.0	0.8										
474	0.47	18.0	18.0	11.0	15.0	0.8	26.0	19.0	12.0	22.5	0.8	31.0	24.5	15.5	27.5	0.8
		24.0	14.5	10.0	20.0	0.8										
684	0.68	24.0	17.5	11.5	20.0	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	24.0	18.0	13.0	20.0	0.8	31.0	22.0	13.0	27.5	0.8	31.0	27.0	18.0	27.5	0.8
		31.0	20.0	11.5	27.5	0.8										
155	1.5	31.0	22.0	13.0	27.5	0.8	31.0	25.0	17.0	27.5	0.8	31.0	28.0	19.0	27.5	0.8
225	2.2	31.0	25.0	15.0	27.5	0.8	31.0	31.0	19.0	27.5	0.8	36.0	35.0	26.0	31.0	0.8
335	3.3	31.0	27.0	17.0	27.5	0.8	36.0	34.0	24.0	31.0	0.8					

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