

PPN (CBB13) Polypropylene Film/foil Capacitor (Non-inductive)

聚丙烯膜一箔式电容器（无感型）

★ FEATURE

- High stability of capacitance and DF versus temperature and frequency.
- High IR
- Non-inductive construction
- High pulse rise rate(du/dt) and suitable for large current circuit

特点:

- 容量损耗随温度频率具高稳定
- 高绝缘
- 无感型结构
- 高电流爬升速率并适用于大电流回路

★APPLICATION

- Most suitable for high frequency, large current circuit and s-shaping correction in TV set
- Widely used in high frequency,high current DC and pulse circuits
- Filter and noise suppression circuit

用途:

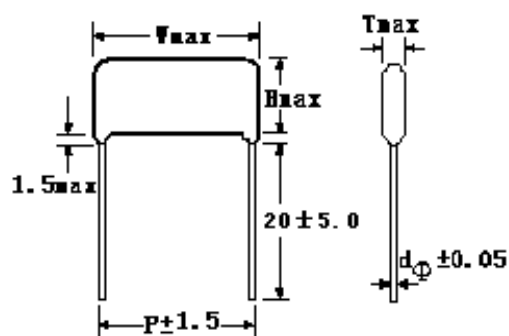
- 电视中 S 一形校正回路及高频大电流回路
- 广泛应用于高频、大电流、直流、脉冲回路
- 滤波及噪音抑制回路

★SPECIFICATIONS 技术要求

DIELECTRIC 介质	Polypropylene film 聚丙烯薄膜	
ELECTRODES 电极	Aluminum foil 铝箔极板	
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 384-13 ; SJ/T 10998-1996	
CLIMATIC CATALOGUE 气候类别	40/85/21	
CAPACITANCE VERSUS RATED VOLTAGE(U_R) 静电容量与额定电压	0.001 μ F-0.47 μ F/100VDC 0.001 μ F-0.33 μ F/400VDC;	0.001 μ F-0.47 μ F/250VDC 0.001 μ F-0.15 μ F/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)	≤ 0.1% (at 20 °C ,1KHz)	
VOLTAGE PROOF 耐电压	2.0* U_R Unit:VDC (1minute at 20 °C and RH ≤ 65%)	
INSULATION RESISTANCE 绝缘电阻	$C \leq 0.10\mu$ F, $IR \geq 30000M\Omega$; $C > 0.10\mu$ F, $IR * C \geq 5000S$ (1minute at 20 °C and RH ≤ 65%)	
ENDURANCE 耐久性	1000 hours with 150% of rated voltage at 85 °C .After the tet: 85 °C 条件下, 150% 之额定电压 1000 小时。试验完成后: $\Delta C/C \leq 2\%$; $\Delta DF \leq 0.04\%$ $IR \geq 50\%$ 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		50/100VDC					250VDC					400VDC					630VDC				
SYMBOL	μF	W	H	T	P	d Φ	W	H	T	P	d Φ	W	H	T	P	d Φ	W	H	T	P	d Φ
102	0.0010	10.5	10.0	6.0	7.5	0.6	10.5	10.0	6.0	7.5	0.6	10.5	10.0	6.0	7.5	0.6	11.0	11.0	7.0	7.5	0.6
		14.0	9.0	6.0	10.0	0.6	14.0	9.0	6.0	10.0	0.6	14.0	12.0	6.5	10.0	0.6	15.0	12.5	7.0	10.0	0.6
152	0.0015	10.5	10.0	6.0	7.5	0.6	10.5	10.0	6.0	7.5	0.6	10.5	11.0	7.0	7.5	0.6	11.0	11.0	7.0	7.5	0.6
		14.0	9.0	6.0	10.0	0.6	14.0	9.0	6.0	10.0	0.6	14.0	12.0	6.5	10.0	0.6	15.0	12.5	7.0	10.0	0.6
222	0.0022	10.5	10.0	6.0	7.5	0.6	10.5	10.0	6.0	7.5	0.6	11.0	11.0	7.0	7.5	0.6	15.0	12.5	7.0	10.0	0.6
		14.0	9.0	6.0	10.0	0.6	14.0	9.0	6.0	10.0	0.6	14.0	12.0	6.5	10.0	0.6					
332	0.0033	10.5	10.0	6.0	7.5	0.6	10.5	10.0	6.0	7.5	0.6	14.0	13.0	7.0	10.0	0.6	15.0	14.0	7.0	10.0	0.6
		14.0	9.0	6.0	10.0	0.6	14.0	9.0	6.0	10.0	0.6										
472	0.0047	10.5	10.0	6.0	7.5	0.6	10.5	10.0	6.0	7.5	0.6	14.0	13.0	7.0	10.0	0.6	15.0	14.5	8.0	10.0	0.6
		14.0	9.0	6.0	10.0	0.6	14.0	9.0	6.0	10.0	0.6										
682	0.0068	10.5	11.0	7.0	7.5	0.6	10.5	11.0	7.0	7.5	0.6	14.0	14.0	7.5	10.0	0.6	15.0	14.5	8.5	10.0	0.6
		14.0	9.0	6.0	10.0	0.6	14.0	9.0	6.0	10.0	0.6										
103	0.010	11.0	11.0	7.0	7.5	0.6	14.0	9.5	6.5	10.0	0.6	14.0	14.0	8.0	10.0	0.6	19.0	15.0	9.0	15.0	0.8
		14.0	9.0	6.0	10.0	0.6															
153	0.015	11.0	11.0	7.0	7.5	0.6	14.0	10.0	7.0	10.0	0.6	19.0	14.0	10.5	15.0	0.8	19.0	15.0	10.0	15.0	0.8
		14.0	9.0	6.0	10.0	0.6															
223	0.022	11.0	12.0	8.0	7.5	0.6	14.0	11.0	8.0	10.0	0.6	19.0	15.0	10.5	15.0	0.8	25.0	16.0	11.0	21.0	0.8
		14.0	10.0	6.0	10.0	0.6															
333	0.033	14.0	10.5	7.0	10.0	0.6	14.0	12.5	9.5	10.0	0.6	19.0	17.5	11.5	15.0	0.8	25.0	18.0	12.5	21.0	0.8
473	0.047	14.0	11.0	7.5	10.0	0.8	19.0	13.0	9.0	15.0	0.8	19.0	18.0	12.5	15.0	0.8	25.0	20.0	14.0	21.0	0.8
683	0.068	19.0	12.5	8.0	15.0	0.8	19.0	13.0	9.0	15.0	0.8	19.0	18.0	12.5	15.0	0.8	25.0	20.0	14.0	21.0	0.8
104	0.10	19.0	11.0	8.5	15.0	0.8	25.0	18.0	11.0	22.5	0.8	25.0	20.0	15.0	21.0	0.8	31.0	26.0	16.5	27.5	0.8
154	0.15	25.0	15.0	8.5	22.5	0.8	25.0	17.0	12.5	22.5	0.8	31.0	24.5	16.5	27.5	0.8	31.0	28.0	18.0	27.5	0.8
224	0.22	25.0	17.0	9.5	22.5	0.8	31.0	20.0	13.5	27.5	0.8	31.0	26.0	17.5	27.5	0.8					
334	0.33	31.0	18.0	12.0	27.5	0.8	31.0	22.0	15.0	27.5	0.8	31.0	21.0	9.0	27.5	0.8					
474	0.47	31.0	23.0	14.0	27.5	0.8	31.0	25.0	17.0	27.5	0.8										

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