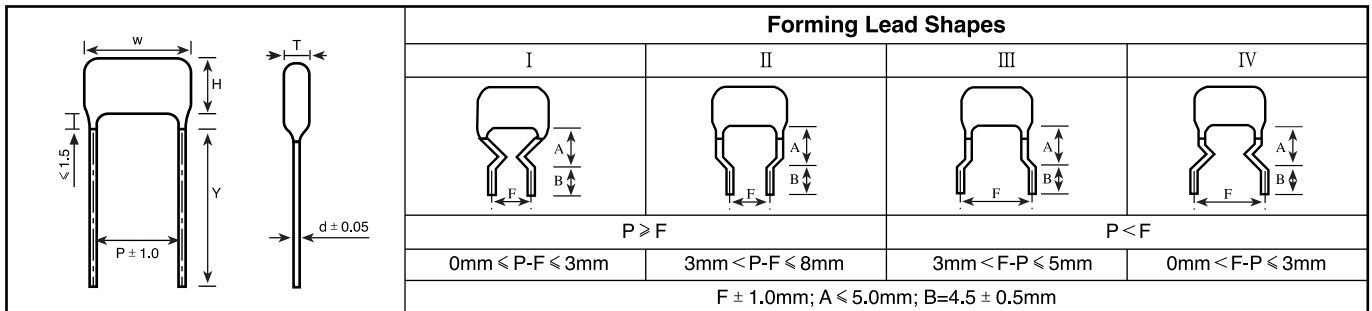


## 高压金属化聚丙烯膜/箔式电容器 High-voltage metallized polypropylene film/foil capacitor

### ■ 外形图 Outline Drawing



### ■ 特点

- 金属化聚丙烯膜箔式，卷绕结构
- 损耗小，内部温升小
- 负电容量温度系数
- 阻燃环氧粉末包封(UL94/V-0)

### ■ 主要用途

- 大屏幕显示器及彩电行逆程电路
- 适用于高脉冲，大电流电路
- 适用于电子镇流器

### ■ Features

- Metallized polypropylene film/foil, wound construction
- Low loss and small inherent temperature rise
- Negative temperature coefficient of capacitance
- Flame retardant epoxy resin powder coating (UL94/V-0)

### ■ Typical Applications

- Horizontal resonance circuits of large screen monitor and colour TV
- Suitable for high pulse and high current loading circuit
- Suitable for electronic ballast

### ■ 技术要求 Specifications

引用标准 Reference Standard	GB/T 14579 ( IEC 60384-17 )	
气候类别 Climatic Category	40/105/21	
额定温度 Rated Temperature	85℃	
工作温度 Operating Temperature Range	-40℃ ~105℃ (+85℃ to +105℃: decreasing factor 1.25% per °C for U <sub>R</sub> )	
额定电压 Rated Voltage	630V, 800V, 1 000V/1 250V, 1 600V, 2 000V, 2 500V	
电容量范围 Capacitance Range	0.0010μF ~ 0.1μF	
电容量偏差 Capacitance Tolerance	± 3%(H)、± 5%(J)、± 10%(K)	
耐电压 Voltage Proof	1.75U <sub>R</sub> ( 5s )	
损耗角正切 Dissipation Factor	≤ 10 × 10 <sup>-4</sup> (1kHz, 20℃) ≤ 20 × 10 <sup>-4</sup> (10kHz, 20℃)	
绝缘电阻 Insulation Resistance	≥ 100 000MΩ (20℃, 100V, 1min)	
最大脉冲爬升速率 Maximum Pulse Rise Time(dV/dt): 若实际工作电压 U 比额定电压 U <sub>R</sub> 低，电容器可工作在更高的 dV/dt 场合，这样 dv/dt 允许值应为右表值乘以 U <sub>R</sub> /U。 If the working voltage(U) is lower than the rated voltage(U <sub>R</sub> ),the capacitor can be worked at a higher dV/dt. In this case, the maximum allowed dV/dt is obtain by multiplying the right value with U <sub>R</sub> /U.	Pattern II	
	U <sub>R</sub> (V)	dV/dt (V/μs)
		P=15.0
	630/800	11 000
	1 000/1 250	28 000
	1 600	32 000
2 000	35 000	
2 500	40 000	

METALLIZED POLYPROPYLENE FILM CAPACITOR

尺寸 Dimensions(mm)

Rated Cap.	630~1250VDC					Rated Cap.	1600/2000VDC					Rated Cap.	2500VDC				
	W	H	T	P	d		W	H	T	P	d		W	H	T	P	d
	max	max	max	±1.0	±0.05		max	max	max	±1.0	±0.05		max	max	max	±1.0	±0.05
1000pF	18.0	12.0	7.0	15.0	0.8	1000pF	18.0	12.0	7.0	15.0	0.8	1000pF	18.0	12.5	7.5	15.0	0.8
1200pF	18.0	12.5	7.0	15.0	0.8	1200pF	18.0	12.5	7.0	15.0	0.8	1200pF	18.0	13.0	8.0	15.0	0.8
1500pF	18.0	13.0	7.5	15.0	0.8	1500pF	18.0	13.0	7.5	15.0	0.8	1500pF	18.0	13.5	8.5	15.0	0.8
1800pF	18.0	13.5	8.0	15.0	0.8	1800pF	18.0	13.5	8.0	15.0	0.8	1800pF	18.0	14.0	9.5	15.0	0.8
2200pF	18.0	14.0	9.0	15.0	0.8	2200pF	18.0	14.0	9.0	15.0	0.8	2200pF	18.0	15.0	10.0	15.0	0.8
2700pF	18.0	14.5	9.5	15.0	0.8	2700pF	18.0	14.5	9.5	15.0	0.8	2700pF	18.0	16.0	10.5	15.0	0.8
3300pF	18.0	15.0	10.0	15.0	0.8	3300pF	18.0	15.5	10.5	15.0	0.8	3300pF	18.0	16.5	11.5	15.0	0.8
3600pF	18.0	15.5	10.0	15.0	0.8	3600pF	24.0	14.0	8.5	20.0	0.8	3600pF	24.0	15.0	9.0	20.0	0.8
3900pF	18.0	16.0	10.0	15.0	0.8	3900pF	24.0	14.5	9.0	20.0	0.8	3900pF	24.0	15.5	9.5	20.0	0.8
4300pF	18.0	16.0	10.5	15.0	0.8	4300pF	24.0	15.0	9.5	20.0	0.8	4300pF	24.0	16.5	9.5	20.0	0.8
4700pF	24.0	14.0	8.0	20.0	0.8	4700pF	24.0	15.5	10.0	20.0	0.8	4700pF	24.0	17.0	10.0	20.0	0.8
5100pF	24.0	14.5	8.5	20.0	0.8	5100pF	24.0	16.0	10.0	20.0	0.8	5100pF	24.0	17.5	10.5	20.0	0.8
5600pF	24.0	15.5	9.0	20.0	0.8	5600pF	24.0	17.0	10.5	20.0	0.8	5600pF	24.0	18.0	11.0	20.0	0.8
6000pF	24.0	16.0	9.5	20.0	0.8	6000pF	24.0	17.5	10.5	20.0	0.8	6000pF	26.0	17.0	10.5	22.5	0.8
6200pF	24.0	16.5	10.0	20.0	0.8	6200pF	24.0	18.0	11.0	20.0	0.8	6200pF	26.0	17.5	11.0	22.5	0.8
6800pF	24.0	17.0	10.5	20.0	0.8	6800pF	26.0	17.0	9.5	22.5	0.8	6800pF	26.0	18.0	11.5	22.5	0.8
7500pF	24.0	17.5	10.5	20.0	0.8	7500pF	26.0	17.5	10.5	22.5	0.8	7500pF	26.0	18.5	12.0	22.5	0.8
8200pF	24.0	18.0	10.5	20.0	0.8	8200pF	26.0	18.0	11.0	22.5	0.8	8200pF	26.0	18.5	12.5	22.5	0.8
9100pF	24.0	18.0	10.5	20.0	0.8	9100pF	26.0	18.5	11.5	22.5	0.8	9100pF	26.0	19.0	13.0	22.5	0.8
0.010uF	24.0	18.5	11.0	20.0	0.8	0.010uF	26.0	19.0	12.0	22.5	0.8	0.010uF	26.0	20.0	13.5	22.5	0.8
0.012uF	24.0	18.5	11.0	20.0	0.8	0.012uF	32.0	18.0	11.0	27.5	0.8	0.012uF	32.0	19.0	12.5	27.5	0.8
0.015uF	24.0	18.5	11.0	20.0	0.8	0.015uF	32.0	20.5	11.5	27.5	0.8	0.015uF	32.0	20.5	13.5	27.5	0.8
0.018uF	24.0	18.5	11.5	20.0	0.8	0.018uF	32.0	21.0	12.5	27.5	0.8	0.018uF	32.0	22.0	14.0	27.5	0.8
0.022uF	32.0	17.5	10.0	27.5	0.8	0.022uF	32.0	24.0	14.0	27.5	0.8	0.022uF	32.0	24.0	15.5	27.5	0.8
0.027uF	32.0	18.0	10.5	27.5	0.8	0.027uF	32.0	25.5	15.5	27.5	0.8	0.027uF	32.0	26.0	16.0	27.5	0.8
0.033uF	32.0	20.0	11.0	27.5	0.8	0.033uF	32.0	27.0	16.5	27.5	0.8	0.033uF	32.0	27.5	17.0	27.5	0.8
0.036uF	32.0	20.5	11.5	27.5	0.8	0.036uF	32.0	27.5	17.5	27.5	0.8	0.036uF	32.0	28.5	18.5	27.5	0.8
0.039uF	32.0	21.0	12.0	27.5	0.8												
0.047uF	32.0	21.5	12.5	27.5	0.8												
0.056uF	32.0	22.0	13.0	27.5	0.8												
0.068uF	32.0	23.0	14.0	27.5	0.8												
0.082uF	32.0	23.5	14.5	27.5	0.8												
0.10uF	32.0	24.0	15.0	27.5	0.8												

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