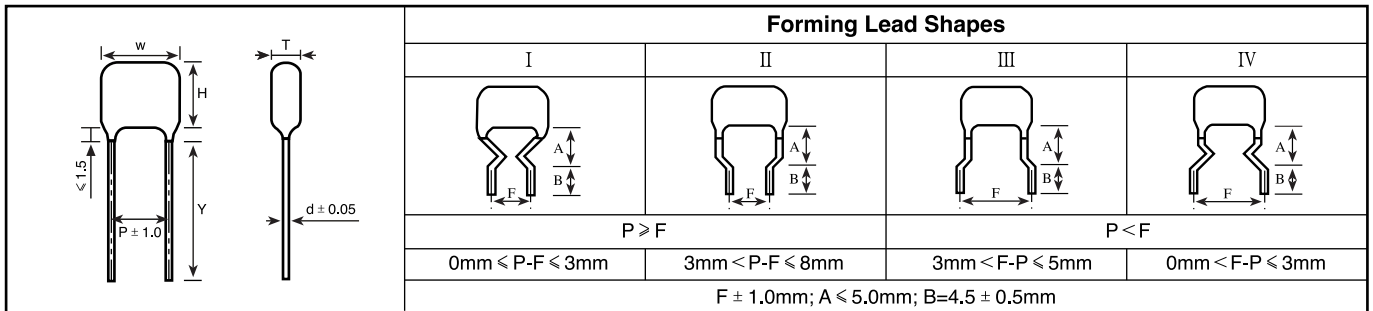


金属化聚丙烯膜电容器(浸渍型) Metallized polypropylene film capacitor(dipped)

■ 外形图 Outline Drawing



■ 特点

- 金属化聚丙烯
- 高频损耗小
- 内部温升小
- 阻燃环氧粉末包封(UL94 V-0)

■ 主要用途

- 广泛应用于高频、直流、交流和脉冲电路中
- 适用于要求体积小，性能优异的彩电S校正电路
- 专为大屏幕显示器及彩电的S校正电路设计
- 适用于各种高频、大电流场合

■ Features

- Metallized polypropylene structure
- Low loss at high frequency
- Small inherent temperature rise
- Flame retardant epoxy resin powder coating (UL94 V-0)

■ Typical Applications

- Widely used in high frequency, DC, AC and pulse circuits
- Providing optimum performance with small size in S-correction circuits for colour TV set
- Specially designed for S-correction circuits of large screen monitor and colour TV
- Suitable for the situation where applies high frequency and high current pulse

■ 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_R)				
额定电压 Rated Voltage	100V、250V、400V、630V、1 000V、1 250V				
电容量范围 Capacitance Range	0.0010 μ F ~ 3.3 μ F				
电容量偏差 Capacitance Tolerance	$\pm 5\%$ (J)、 $\pm 10\%$ (K)、 $\pm 20\%$ (M)				
耐电压 Voltage Proof	1.6 U_R (5s)				
损耗角正切 Dissipation Factor	$\leq 10 \times 10^{-4}$ (1kHz, 20℃)				
绝缘电阻 Insulation Resistance	$\geq 100\ 000\text{M}\Omega$, $C_N \leq 0.33\mu\text{F}$ $\geq 30\ 000\text{s}$, $C_N > 0.33\mu\text{F}$ (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_R 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_R/U 。 If the working voltage(U) is lower than the rated voltage(U_R),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_R/U .	Pattern II				
	U_R (V)	dV/dt (V/ μ s)			
		P=7.5	P=10.0	P=15.0	P=22.5
	100/250	660	560	310	130
	400	900	780	600	300
630	1 500	1 200	900	400	
1 000/1 250	2 500	2 200	--	--	

METALLIZED POLYPROPYLENE FILM CAPACITOR

尺寸 Dimensions(mm)

Rated Cap.	100/160VDC					200/250VDC					400VDC					630VDC				
	W	H	T	P	d	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	max	max	max	±1.0	±0.05
4700pF																13.0	9.0	5.0	10.0	0.6
5600pF																13.0	9.5	5.0	10.0	0.6
6800pF																13.0	10.0	5.0	10.0	0.6
8200pF																13.0	11.0	5.5	10.0	0.6
0.010uF						10.5	9.5	5.5	7.5	0.6	10.5	10.0	5.5	7.5	0.6	13.0	11.5	6.0	10.0	0.6
0.012uF						10.5	10.0	5.5	7.5	0.6	10.5	10.5	6.0	7.5	0.6	13.0	12.0	6.5	10.0	0.6
0.015uF						10.5	10.5	5.5	7.5	0.6	10.5	11.0	6.5	7.5	0.6	13.0	12.5	7.0	10.0	0.6
0.018uF						10.5	10.5	5.5	7.5	0.6	10.5	11.5	7.0	7.5	0.6	13.0	13.0	7.5	10.0	0.6
0.022uF	10.5	9.0	5.5	7.5	0.6	10.5	10.5	6.0	7.5	0.6	10.5	12.0	8.0	7.5	0.6	13.0	13.5	8.0	10.0	0.6
0.027uF	10.5	9.0	5.5	7.5	0.6	10.5	11.0	6.5	7.5	0.6	13.0	12.0	6.5	10.0	0.6	13.0	14.0	8.5	10.0	0.6
0.033uF	10.5	9.0	5.5	7.5	0.6	10.5	11.5	7.0	7.5	0.6	13.0	12.5	6.5	10.0	0.6	18.0	13.5	7.5	15.0	0.6
0.039uF	10.5	9.5	5.5	7.5	0.6	10.5	12.0	7.5	7.5	0.6	13.0	13.0	7.5	10.0	0.6	18.0	14.0	8.0	15.0	0.6
0.047uF	10.5	9.5	5.5	7.5	0.6	10.5	12.5	8.0	7.5	0.6	13.0	13.5	8.0	10.0	0.6	18.0	14.5	8.0	15.0	0.8
0.056uF	10.5	10.0	6.0	7.5	0.6	13.0	12.0	7.0	10.0	0.6	13.0	14.5	8.5	10.0	0.6	18.0	15.0	8.5	15.0	0.8
0.068uF	10.5	10.0	6.5	7.5	0.6	13.0	12.5	7.5	10.0	0.6	18.0	14.0	7.0	15.0	0.6	24.0	16.0	8.5	20.0	0.8
0.082uF	10.5	11.0	6.5	7.5	0.6	13.0	13.5	8.0	10.0	0.6	18.0	14.5	7.5	15.0	0.6	24.0	17.0	9.5	20.0	0.8
0.10uF	10.5	12.0	7.0	7.5	0.6	13.0	14.5	8.0	10.0	0.6	18.0	15.0	8.0	15.0	0.8	24.0	17.5	10.0	20.0	0.8
0.12uF	10.5	12.5	7.5	7.5	0.6	13.0	15.0	8.5	10.0	0.6	18.0	15.5	8.5	15.0	0.8	24.0	18.5	11.0	20.0	0.8
0.15uF	13.0	12.0	7.0	10.0	0.6	18.0	13.5	7.0	15.0	0.6	18.0	16.0	9.0	15.0	0.8	24.0	19.0	12.0	20.0	0.8
0.18uF	13.0	12.5	7.0	10.0	0.6	18.0	14.0	7.5	15.0	0.8	24.0	14.5	8.5	20.0	0.8	24.0	20.0	12.5	20.0	0.8
0.22uF	13.0	13.0	7.5	10.0	0.6	18.0	14.5	8.0	15.0	0.8	24.0	15.0	9.5	20.0	0.8	30.0	21.5	11.0	25.0	0.8
0.27uF	13.0	13.5	8.0	10.0	0.6	18.0	15.0	8.5	15.0	0.8	24.0	15.5	10.0	20.0	0.8	30.0	23.0	12.5	25.0	0.8
0.33uF	18.0	13.0	7.5	15.0	0.8	18.0	15.5	9.0	15.0	0.8	24.0	16.0	10.5	20.0	0.8	30.0	24.0	13.5	25.0	0.8
0.39uF	18.0	13.5	8.0	15.0	0.8	24.0	15.5	8.5	20.0	0.8	24.0	16.5	11.0	20.0	0.8	36.0	24.5	13.5	30.0	0.8
0.47uF	18.0	14.0	8.5	15.0	0.8	24.0	16.0	9.0	20.0	0.8	24.0	17.0	11.5	20.0	0.8	36.0	24.5	14.0	30.0	0.8
0.56uF	18.0	16.0	9.0	15.0	0.8	24.0	16.5	9.5	20.0	0.8	30.0	22.0	12.0	25.0	0.8					
0.68uF	18.0	16.5	10.0	15.0	0.8	24.0	17.0	10.5	20.0	0.8	30.0	23.5	13.0	25.0	0.8					
0.82uF	18.0	17.5	10.5	15.0	0.8	24.0	18.0	11.0	20.0	0.8	30.0	24.0	13.5	25.0	0.8					
1.0uF	24.0	18.0	11.0	20.0	0.8	24.0	19.0	12.0	20.0	0.8	30.0	25.0	14.0	25.0	0.8					
1.2uF	24.0	19.5	10.5	20.0	0.8	30.0	22.0	12.0	25.0	0.8										
1.5uF	24.0	19.5	11.0	20.0	0.8	30.0	23.0	13.0	25.0	0.8										
1.8uF	24.0	20.5	11.5	20.0	0.8	30.0	24.0	13.5	25.0	0.8										
2.2uF	24.0	21.0	12.5	20.0	0.8	30.0	25.5	14.0	25.0	0.8										
2.7uF	30.0	22.0	13.0	25.0	0.8	30.0	27.0	16.0	25.0	0.8										
3.3uF	30.0	22.5	14.5	25.0	0.8	30.0	28.5	18.0	25.0	0.8										

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