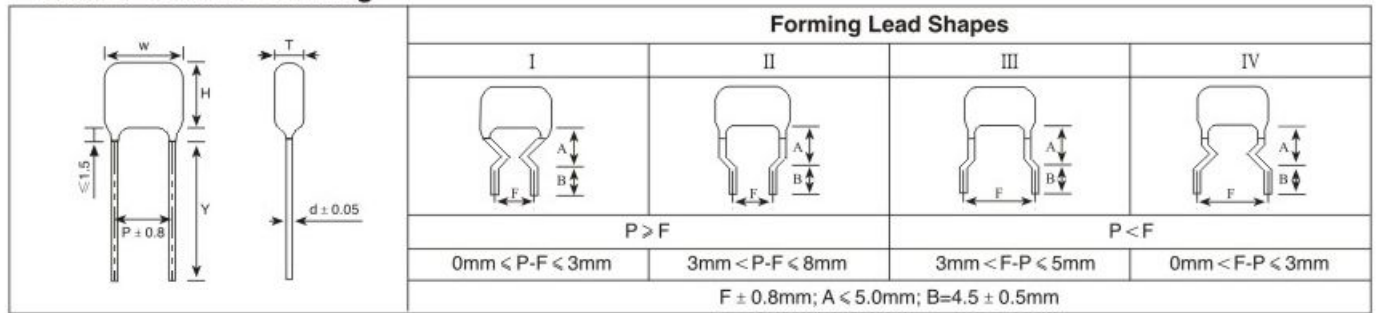


金属化聚丙烯膜电容器(浸渍型) Metallized polypropylene film capacitor(dipped)

■ 外形图 Outline Drawing



■ 特点

- 金属化聚丙烯膜
- 高频损耗小
- 内部温升小
- 阻燃环氧粉末包封 (UL94V-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 film
- Low loss at high frequency
- Small inherent temperature rise
- Flame retardant epoxy resin powder coating (UL94/V-0)

■ Typical application

- 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、160V、250V、400V、630V、1 000V、1 250V						
电容量范围 Capacitance Range	0.0010μF ~ 3.3μF						
电容量偏差 Capacitance Tolerance	± 5%(J)、± 10%(K)、± 20%(M)						
耐电压 Voltage Proof	1.6U _R (5s)						
损耗角正切 Dissipation Factor	≤ 10 × 10 ⁻⁴ (1kHz, 20℃)						
绝缘电阻 Insulation Resistance	≥ 100 000MΩ, C _N ≤ 0.33μF ≥ 30 000s, C _N > 0.33μF (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 I						
	U _R (V)	dV/dt (V/μs)					
		P=7.5	P=10.0	P=15.0	P=20.0	P=25.0	P=30.0
	100/160	180	150	110	80	60	---
	200/250	660	560	310	150	110	---
	400	900	780	600	300	180	120
	630	1 500	1 200	900	400	220	150
	1 000	2 500	2 200	---	---	---	---
	Pattern II						
	U _R (V)	dV/dt (V/μs)					
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	---	---			

■ 外形尺寸 Dimensions (mm)

Pattern II (Reduced sizes)

100Vdc(63Vac)/250Vdc(160Vac)*					
C _N (μF)	W max	H max	T max	P	d
0.010	9.8	7.7	4.0	7.5	0.6
0.011	9.8	7.8	4.2	7.5	0.6
0.012	9.8	7.9	4.3	7.5	0.6
0.013	9.8	8.0	4.4	7.5	0.6
0.015	9.8	7.8	4.2	7.5	0.6
0.016	9.8	7.9	4.3	7.5	0.6
0.018	9.8	8.1	4.4	7.5	0.6
0.020	9.8	8.2	4.6	7.5	0.6
0.022	9.8	8.4	4.8	7.5	0.6
0.024	9.8	8.6	4.9	7.5	0.6
0.027	9.8	7.6	4.0	7.5	0.6
0.030	9.8	7.7	4.1	7.5	0.6
0.033	9.8	7.9	4.2	7.5	0.6
0.036	9.8	8.0	4.4	7.5	0.6
0.039	9.8	8.1	4.5	7.5	0.6
0.043	9.8	8.3	4.7	7.5	0.6
0.047	9.8	8.5	4.8	7.5	0.6
0.051	12.3	8.0	4.3	10.0	0.6
0.056	12.3	8.1	4.5	10.0	0.6
0.062	12.3	8.3	4.6	10.0	0.6
0.068	12.3	8.5	4.8	10.0	0.6
0.075	12.3	8.6	5.0	10.0	0.6
0.082	12.3	8.8	5.2	10.0	0.6
0.091	12.3	8.1	4.5	10.0	0.6
0.100	12.3	8.3	4.7	10.0	0.6
0.110	12.3	8.5	4.8	10.0	0.6
0.120	12.3	8.6	5.0	10.0	0.6
0.130	12.3	8.6	4.9	10.0	0.6
0.150	12.3	8.9	5.2	10.0	0.6
0.160	12.3	9.0	5.4	10.0	0.6
0.180	12.3	9.3	5.6	10.0	0.6
0.200	12.3	9.5	5.9	10.0	0.6
0.220	12.3	9.8	6.1	10.0	0.6
0.240	12.3	10.0	6.4	10.0	0.6
0.270	17.5	10.5	5.3	15.0	0.6
0.300	17.5	10.8	5.5	15.0	0.6
0.330	17.5	11.0	5.8	15.0	0.6
0.360	17.5	11.2	6.0	15.0	0.6
0.390	17.5	11.4	6.2	15.0	0.6
0.430	17.5	11.6	6.4	15.0	0.6
0.470	17.5	11.9	6.6	15.0	0.6
0.510	17.5	12.1	6.9	15.0	0.6
0.560	17.5	12.4	7.2	15.0	0.6
0.620	17.5	12.7	7.5	15.0	0.8
0.680	17.5	13.5	7.8	15.0	0.8
0.750	17.5	13.9	8.2	15.0	0.8
0.820	17.5	14.2	8.5	15.0	0.8
0.910	17.5	14.9	8.9	15.0	0.8
1.000	17.5	15.0	9.3	15.0	0.8
1.100	17.5	15.5	9.7	15.0	0.8
1.200	25.2	14.8	7.5	22.5	0.8
1.300	25.2	15.1	7.8	22.5	0.8
1.500	25.2	15.6	8.3	22.5	0.8
1.600	25.2	15.9	8.6	22.5	0.8
1.800	25.2	16.4	9.1	22.5	0.8
2.000	25.2	16.9	10.1	22.5	0.8
2.200	25.2	18.3	9.9	22.5	0.8
2.400	25.2	18.7	10.4	22.5	0.8
2.700	25.2	19.3	10.9	22.5	0.8
3.000	25.2	19.9	11.6	22.5	0.8
3.300	25.2	20.5	12.1	22.5	0.8

400Vdc(200Vac)					
C _N (μF)	W max	H max	T max	P	d
0.010	9.8	7.8	4.1	7.5	0.6
0.011	9.8	7.9	4.2	7.5	0.6
0.012	9.8	8.0	4.4	7.5	0.6
0.013	9.8	8.1	4.5	7.5	0.6
0.015	9.8	8.4	4.7	7.5	0.6
0.016	9.8	8.5	4.8	7.5	0.6
0.018	9.8	8.7	5.0	7.5	0.6
0.020	9.8	8.9	5.3	7.5	0.6
0.022	9.8	9.1	5.5	7.5	0.6
0.024	12.3	8.0	4.3	10.0	0.6
0.027	12.3	8.1	4.5	10.0	0.6
0.030	12.3	8.3	4.7	10.0	0.6
0.033	12.3	8.5	4.8	10.0	0.6
0.036	12.3	8.6	5.0	10.0	0.6
0.039	12.3	8.7	5.0	10.0	0.6
0.043	12.3	8.8	5.2	10.0	0.6
0.047	12.3	9.0	5.4	10.0	0.6
0.051	12.3	9.2	5.6	10.0	0.6
0.056	12.3	9.4	5.8	10.0	0.6
0.062	12.3	8.9	5.2	10.0	0.6
0.068	12.3	9.1	5.4	10.0	0.6
0.075	12.3	9.3	5.7	10.0	0.6
0.082	12.3	9.5	5.9	10.0	0.6
0.091	12.3	9.8	6.1	10.0	0.6
0.100	12.3	10.0	6.4	10.0	0.6
0.110	12.3	10.3	6.6	10.0	0.6
0.120	17.5	10.7	5.5	15.0	0.6
0.130	17.5	10.9	5.7	15.0	0.6
0.150	17.5	11.2	6.0	15.0	0.6
0.160	17.5	11.3	6.1	15.0	0.6
0.180	17.5	11.6	6.4	15.0	0.6
0.200	17.5	11.9	6.7	15.0	0.6
0.220	17.5	12.2	7.0	15.0	0.6
0.240	17.5	12.5	7.3	15.0	0.6
0.270	17.5	12.9	7.6	15.0	0.8
0.300	17.5	13.7	8.0	15.0	0.8
0.330	17.5	14.1	8.4	15.0	0.8
0.360	17.5	14.4	8.7	15.0	0.8
0.390	17.5	14.7	9.0	15.0	0.8
0.430	17.5	15.1	9.4	15.0	0.8
0.470	17.5	15.5	9.8	15.0	0.8
0.510	25.2	14.8	7.6	22.5	0.8
0.560	25.2	15.2	7.9	22.5	0.8
0.620	25.2	15.6	8.3	22.5	0.8
0.680	25.2	15.9	9.1	22.5	0.8
0.750	25.2	16.3	9.6	22.5	0.8
0.820	25.2	16.7	10.0	22.5	0.8
0.910	25.2	17.2	10.5	22.5	0.8
1.000	25.2	17.7	10.9	22.5	0.8

备注：“-”表示容量偏差。“-”=capacitance tolerance code, M=±20%,K=±10%,J=±5%

■ 外形尺寸 Dimensions (mm)

Pattern II (Reduced sizes)

630Vdc(220Vac) [®]					
C _N (μF)	W max	H max	T max	P	d
0.0010	10.0	7.9	4.3	7.5	0.6
0.0011	10.0	8.1	4.4	7.5	0.6
0.0012	10.0	8.2	4.5	7.5	0.6
0.0013	10.0	8.3	4.7	7.5	0.6
0.0015	10.0	8.1	4.4	7.5	0.6
0.0016	10.0	8.2	4.5	7.5	0.6
0.0018	10.0	7.8	4.2	7.5	0.6
0.0020	10.0	8.0	4.3	7.5	0.6
0.0022	10.0	8.1	4.5	7.5	0.6
0.0024	9.8	8.0	4.3	7.5	0.6
0.0027	9.8	8.1	4.5	7.5	0.6
0.0030	9.8	8.3	4.7	7.5	0.6
0.0033	9.8	8.5	4.8	7.5	0.6
0.0036	9.8	8.0	4.4	7.5	0.6
0.0039	9.8	8.2	4.5	7.5	0.6
0.0043	9.8	8.3	4.7	7.5	0.6
0.0047	9.8	8.5	4.9	7.5	0.6
0.0051	9.8	8.6	5.0	7.5	0.6
0.0056	9.8	8.8	5.2	7.5	0.6
0.0062	9.8	9.0	5.4	7.5	0.6
0.0068	12.3	8.0	4.4	10.0	0.6
0.0075	12.3	8.2	4.5	10.0	0.6
0.0082	12.3	8.3	4.7	10.0	0.6
0.0091	12.3	8.5	4.9	10.0	0.6
0.010	12.3	7.8	4.1	10.0	0.6
0.011	12.3	7.9	4.2	10.0	0.6
0.012	12.3	8.0	4.4	10.0	0.6
0.013	12.3	8.1	4.5	10.0	0.6
0.015	12.3	8.3	4.7	10.0	0.6
0.016	12.3	8.5	4.8	10.0	0.6
0.018	12.3	8.6	4.9	10.0	0.6
0.020	12.3	8.8	5.1	10.0	0.6
0.022	12.3	8.9	5.3	10.0	0.6
0.024	12.3	9.1	5.5	10.0	0.6

630Vdc(220Vac) [®]					
C _N (μF)	W max	H max	T max	P	d
0.027	12.3	9.4	5.7	10.0	0.6
0.030	12.3	9.6	6.0	10.0	0.6
0.033	12.3	9.9	6.2	10.0	0.6
0.036	12.3	10.1	6.4	10.0	0.6
0.039	12.3	10.3	6.7	10.0	0.6
0.043	17.5	10.7	5.4	15.0	0.6
0.047	17.5	10.8	5.6	15.0	0.6
0.051	17.5	11.0	5.8	15.0	0.6
0.056	17.5	11.2	6.0	15.0	0.6
0.062	17.5	11.4	6.2	15.0	0.6
0.068	17.5	11.7	6.5	15.0	0.6
0.075	17.5	11.9	6.7	15.0	0.6
0.082	17.5	12.2	7.0	15.0	0.6
0.091	17.5	12.5	7.3	15.0	0.6
0.100	17.5	12.8	7.6	15.0	0.8
0.110	17.5	13.6	7.9	15.0	0.8
0.120	17.5	13.9	8.2	15.0	0.8
0.130	17.5	14.2	8.5	15.0	0.8
0.150	17.5	14.7	9.0	15.0	0.8
0.160	17.5	15.0	9.3	15.0	0.8
0.180	17.5	15.5	9.8	15.0	0.8
0.200	17.5	16.0	10.3	15.0	0.8
0.220	25.2	15.2	7.9	22.5	0.8
0.240	25.2	15.5	8.2	22.5	0.8
0.270	25.2	15.9	9.2	22.5	0.8
0.300	25.2	16.4	9.6	22.5	0.8
0.330	25.2	16.8	10.0	22.5	0.8
0.360	25.2	17.2	10.4	22.5	0.8
0.390	25.2	17.6	10.8	22.5	0.8
0.430	25.2	18.1	11.3	22.5	0.8
0.470	25.2	18.6	11.8	22.5	0.8
0.510	25.2	19.0	12.2	22.5	0.8
0.560	25.2	19.6	12.8	22.5	0.8

1 000/1 250Vdc [#] (400Vac)					
C _N (μF)	W max	H max	T max	P	d
0.0010	10.0	7.9	4.3	7.5	0.6
0.0011	10.0	8.1	4.4	7.5	0.6
0.0012	10.0	8.2	4.5	7.5	0.6
0.0013	10.0	8.3	4.7	7.5	0.6
0.0015	10.0	8.1	4.4	7.5	0.6
0.0016	10.0	8.2	4.5	7.5	0.6
0.0018	10.0	7.8	4.2	7.5	0.6
0.0020	10.0	8.0	4.3	7.5	0.6
0.0022	10.0	8.1	4.5	7.5	0.6
0.0024	10.0	7.7	4.0	7.5	0.6
0.0027	10.0	7.8	4.2	7.5	0.6
0.0030	10.0	8.0	4.4	7.5	0.6
0.0033	10.0	8.2	4.5	7.5	0.6
0.0036	10.0	8.3	4.7	7.5	0.6
0.0039	10.0	8.4	4.8	7.5	0.6
0.0043	10.0	8.2	4.5	7.5	0.6
0.0047	10.0	8.3	4.7	7.5	0.6
0.0051	10.0	8.5	4.8	7.5	0.6
0.0056	10.0	8.7	5.0	7.5	0.6
0.0062	10.0	8.7	5.0	7.5	0.6
0.0068	12.0	8.9	5.2	10.0	0.6
0.0075	12.0	9.1	5.4	10.0	0.6
0.0082	12.0	9.3	5.6	10.0	0.6
0.0091	12.0	9.5	5.9	10.0	0.6
0.0100	12.0	9.9	6.3	10.0	0.6

备注：“-”表示容量偏差。 “-” =capa citance tolerance code, M=±20%,K=±10%,J=±5%

■ 外形尺寸 Dimensions (mm)
 Pattern I (High performance)

630Vdc(220Vac) [®]					
C _N (μ F)	W max	H max	T max	P	d
0.0010	10.0	9.0	5.5	7.5	0.6
0.0011	10.0	9.0	5.5	7.5	0.6
0.0012	10.0	9.0	5.0	7.5	0.6
0.0013	10.0	9.0	5.0	7.5	0.6
0.0015	10.0	9.0	5.0	7.5	0.6
0.0016	10.0	9.0	5.5	7.5	0.6
0.0018	10.0	9.0	5.5	7.5	0.6
0.0020	10.0	9.0	5.5	7.5	0.6
0.0022	10.0	9.0	6.0	7.5	0.6
0.0024	10.0	9.0	5.0	7.5	0.6
0.0027	10.0	9.0	5.0	7.5	0.6
0.0030	10.0	9.0	5.0	7.5	0.6
0.0033	10.0	9.0	5.5	7.5	0.6
0.0036	10.0	9.0	5.5	7.5	0.6
0.0039	10.0	9.0	5.5	7.5	0.6
0.0043	10.0	9.5	6.0	7.5	0.6
0.0047	10.0	9.5	6.0	7.5	0.6
0.0051	10.0	9.5	6.5	7.5	0.6
0.0056	10.0	10.0	6.5	7.5	0.6
0.0062	10.0	10.0	6.5	7.5	0.6
0.0068	12.5	9.0	5.5	10.0	0.6
0.0075	12.5	9.0	6.0	10.0	0.6
0.0082	12.5	9.0	6.0	10.0	0.6
0.0091	12.5	9.5	6.0	10.0	0.6
0.010	13.0	11.0	6.0	10.0	0.6
0.011	13.0	11.5	6.5	10.0	0.6
0.012	13.0	11.5	6.5	10.0	0.6
0.013	13.0	11.5	7.0	10.0	0.6
0.015	13.0	12.0	7.0	10.0	0.6
0.016	13.0	12.0	7.5	10.0	0.6
0.018	13.0	13.0	7.5	10.0	0.6
0.020	13.0	13.5	8.0	10.0	0.6
0.022	13.0	13.5	8.0	10.0	0.6

630Vdc(220Vac) [®]					
C _N (μ F)	W max	H max	T max	P	d
0.024	19.0	12.0	6.5	15.0	0.6
0.027	19.0	12.0	7.0	15.0	0.6
0.030	19.0	12.5	7.0	15.0	0.6
0.033	19.0	12.5	7.5	15.0	0.6
0.036	19.0	13.0	8.0	15.0	0.6
0.039	19.0	13.0	8.0	15.0	0.6
0.043	19.0	13.5	8.0	15.0	0.6
0.047	19.0	13.5	8.5	15.0	0.6
0.051	19.0	14.0	9.0	15.0	0.8
0.056	19.0	15.0	8.5	15.0	0.8
0.062	19.0	15.5	9.0	15.0	0.8
0.068	24.0	14.5	8.0	20.0	0.8
0.075	24.0	15.0	8.0	20.0	0.8
0.082	24.0	15.0	8.5	20.0	0.8
0.091	24.0	15.5	8.5	20.0	0.8
0.100	24.0	16.0	9.0	20.0	0.8
0.110	24.0	16.0	9.5	20.0	0.8
0.120	24.0	16.5	10.0	20.0	0.8
0.130	24.0	17.0	10.0	20.0	0.8
0.150	24.0	17.5	10.5	20.0	0.8
0.160	24.0	18.0	11.0	20.0	0.8
0.180	24.0	19.5	11.0	20.0	0.8
0.200	29.0	19.0	10.0	25.0	0.8
0.220	29.0	19.5	10.0	25.0	0.8
0.240	29.0	20.0	10.5	25.0	0.8
0.270	29.0	20.5	11.5	25.0	0.8
0.300	29.0	21.5	11.5	25.0	0.8
0.330	29.0	22.0	12.0	25.0	0.8
0.360	29.0	22.5	12.5	25.0	0.8
0.390	34.0	20.5	12.5	30.0	0.8
0.430	34.0	21.5	13.0	30.0	0.8
0.470	34.0	22.0	13.5	30.0	0.8
0.510	34.0	22.5	14.0	30.0	0.8
0.560	34.0	23.0	14.5	30.0	0.8

1 000Vdc(400Vac)					
C _N (μ F)	W max	H max	T max	P	d
0.0010	10.0	9.0	5.5	7.5	0.6
0.0011	10.0	9.0	5.5	7.5	0.6
0.0012	10.0	9.0	5.0	7.5	0.6
0.0013	10.0	9.0	5.0	7.5	0.6
0.0015	10.0	9.0	5.0	7.5	0.6
0.0016	10.0	9.0	5.5	7.5	0.6
0.0018	10.0	9.0	5.5	7.5	0.6
0.0020	10.0	9.0	5.5	7.5	0.6
0.0022	10.0	9.0	6.0	7.5	0.6
0.0024	10.0	10.0	6.0	7.5	0.6
0.0027	10.0	10.0	6.0	7.5	0.6
0.0030	10.0	10.0	6.5	7.5	0.6
0.0033	10.0	10.0	6.5	7.5	0.6
0.0036	10.0	10.5	7.0	7.5	0.6
0.0039	10.0	10.5	7.0	7.5	0.6
0.0043	10.0	10.5	7.0	7.5	0.6
0.0047	10.0	11.0	7.5	7.5	0.6
0.0051	10.0	11.0	7.5	7.5	0.6
0.0056	10.0	11.5	8.0	7.5	0.6
0.0062	10.0	11.5	8.5	7.5	0.6
0.0068	12.5	10.5	7.0	10.0	0.6
0.0075	12.5	10.5	7.0	10.0	0.6
0.0082	12.5	10.5	7.0	10.0	0.6
0.0091	12.5	11.0	7.5	10.0	0.6

备注: 1. “-” 表示容量偏差。 “-” =capacitance tolerance code, M= \pm 20%,K= \pm 10%,J= \pm 5%