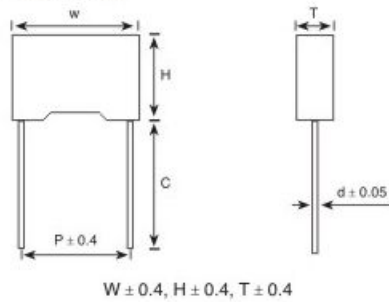


盒式双面金属化聚丙烯膜电容器

Double sided metallized polypropylene film capacitor (Box-type)

■ 外形图 Outline Drawing



■ 特点

- 双面金属化聚丙烯膜
- 损耗小，内部温升小
- 负电容量温度系数
- 优异的阻燃性能

■ 主要用途

- 广泛应用于高压高频脉冲电路中
- 电视机中S校正和行逆程波形和显示器中
- 电子镇流器和节能灯中
- 吸收和SCR整流电路

■ 技术要求 Specifications

■ Features

- Doublesided metallized polypropylene film
- Low loss and small inherent temperature rise
- Negative temperature coefficient of capacitance
- Excellent active and passive flame resistant circuit

■ Typical Applications

- Widely used in high voltage, high frequency and pulse circuit
- Deflection circuits in TV-sets(S-correction and fly-back tuning) and monitors
- Lamp capacitor for electronic ballast and compact lamps
- SNUBBER and SCR commutating circuits

引用标准 Reference Standard	GB/T 10190 (IEC 60384-16)					
气候类别 Climatic Category	40/105/56					
额定温度 Rated Temperature	85°C for U_R (dc); 75°C for U_R (ac)					
工作温度 Operating Temperature Range	-40°C ~ 105°C (+85°C to +105°C: decreasing factor 1.25% per °C for U_R (dc)) (+75°C to +105°C: decreasing factor 1.35% per °C for U_R (ac))					
额定电压 Rated Voltage	250V, 400V, 630V, 1 000V, 1 600V, 2 000V					
电容量范围 Capacitance Range	0.00022μF ~ 3.9μF					
电容量偏差 Capacitance Tolerance	±2%(G), ±3%(H), ±5%(J), ±10%(K), ±20%(M)					
耐电压 Voltage Proof	1.6 U_R (5s)					
损耗角正切 Dissipation Factor	≤ 0.0010 (1kHz, 20°C)					
绝缘电阻 Insulation Resistance	≥ 100 000MΩ, C_N ≤ 0.33μF ≥ 30 000, C_N > 0.33μF (20°C, 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 .	U_R (V)	dV/dt (V/μs)				
		P=7.5	P=10.0	P=15.0	P=22.5	P=27.5
	250	1 200	1 000	550	250	200
	400	1 800	1 500	900	500	300
	630	3 200	3 200	2 500	1 500	900
	1 000	6 000	6 000	3 300	2 100	1 000
1 600	--	--	6 000	3 000	2 000	
2 000	--	--	10 000	5 000	2 200	

■ 外形尺寸 Dimensions (mm)

250Vdc(180Vac)					
C _N (μF)	W	H	T	P	d
0.0068	10.5	9.0	4.0	7.5	0.6
0.0082	10.5	9.0	4.0	7.5	0.6
0.0100	10.5	9.0	4.0	7.5	0.6
0.0120	10.5	9.0	4.0	7.5	0.6
0.0150	10.5	9.0	4.0	7.5	0.6
0.0180	10.5	9.0	4.0	7.5	0.6
0.0220	10.5	9.0	4.0	7.5	0.6
0.0270	10.5	11.0	5.0	7.5	0.6
0.0330	10.5	11.0	5.0	7.5	0.6
0.0390	10.5	12.0	6.0	7.5	0.6
0.0470	10.5	12.0	6.0	7.5	0.6
0.0270	13.0	9.0	4.0	10.0	0.6
0.0330	13.0	9.0	4.0	10.0	0.6
0.0390	13.0	9.0	4.0	10.0	0.6
0.0470	13.0	11.0	5.0	10.0	0.6
0.0560	13.0	11.0	5.0	10.0	0.6
0.0680	13.0	12.0	6.0	10.0	0.6
0.0820	13.0	12.0	6.0	10.0	0.6
0.0680	17.5	11.0	5.0	15.0	0.8
0.0820	17.5	11.0	5.0	15.0	0.8
0.1000	17.5	11.0	5.0	15.0	0.8
0.1200	17.5	12.0	6.0	15.0	0.8
0.1500	17.5	12.0	6.0	15.0	0.8
0.1800	17.5	13.5	7.5	15.0	0.8
0.2200	17.5	13.5	7.5	15.0	0.8
0.2700	17.5	14.5	8.5	15.0	0.8
0.3300	17.5	16.0	10.0	15.0	0.8
0.3900	17.5	16.0	10.0	15.0	0.8
0.2200	26.5	15.0	6.0	22.5	0.8
0.2700	26.5	15.0	6.0	22.5	0.8
0.3300	26.5	15.0	6.0	22.5	0.8
0.3900	26.5	16.0	7.0	22.5	0.8
0.4700	26.5	16.0	7.0	22.5	0.8
0.5600	26.5	17.0	8.5	22.5	0.8
0.6800	26.5	18.5	10.0	22.5	0.8
0.8200	26.5	18.5	10.0	22.5	0.8
1.0000	26.5	22.0	12.0	22.5	0.8
0.8200	32.0	18.0	9.0	27.5	0.8
1.0000	32.0	20.0	11.0	27.5	0.8
1.2000	32.0	20.0	11.0	27.5	0.8
1.5000	32.0	22.0	13.0	27.5	0.8
1.8000	32.0	24.5	15.0	27.5	0.8
2.2000	32.0	24.5	15.0	27.5	0.8
2.7000	32.0	33.0	18.0	27.5	0.8
3.3000	32.0	33.0	18.0	27.5	0.8
3.9000	32.0	33.0	18.0	27.5	0.8

400Vdc(250Vac) [®]					
C _N (μF)	W	H	T	P	d
0.0027	10.5	9.0	4.0	7.5	0.6
0.0033	10.5	9.0	4.0	7.5	0.6
0.0039	10.5	9.0	4.0	7.5	0.6
0.0047	10.5	9.0	4.0	7.5	0.6
0.0056	10.5	9.0	4.0	7.5	0.6
0.0068	10.5	9.0	4.0	7.5	0.6
0.0082	10.5	9.0	4.0	7.5	0.6
0.010	10.5	9.0	4.0	7.5	0.6
0.012	10.5	9.0	4.0	7.5	0.6
0.015	10.5	11.0	5.0	7.5	0.6
0.018	10.5	11.0	5.0	7.5	0.6
0.022	10.5	12.0	6.0	7.5	0.6
0.027	10.5	12.0	6.0	7.5	0.6
0.010	13.0	9.0	4.0	10.0	0.6
0.012	13.0	9.0	4.0	10.0	0.6
0.015	13.0	9.0	4.0	10.0	0.6
0.018	13.0	9.0	4.0	10.0	0.6
0.022	13.0	9.0	4.0	10.0	0.6
0.027	13.0	11.0	5.0	10.0	0.6
0.033	13.0	11.0	5.0	10.0	0.6
0.039	13.0	12.0	6.0	10.0	0.6
0.047	13.0	12.0	6.0	10.0	0.6
0.033	17.5	11.0	5.0	15.0	0.8
0.039	17.5	11.0	5.0	15.0	0.8
0.047	17.5	11.0	5.0	15.0	0.8
0.056	17.5	11.0	5.0	15.0	0.8
0.068	17.5	12.0	6.0	15.0	0.8
0.082	17.5	12.0	6.0	15.0	0.8
0.100	17.5	13.5	7.5	15.0	0.8
0.120	17.5	13.5	7.5	15.0	0.8
0.150	17.5	14.5	8.5	15.0	0.8
0.180	17.5	16.0	10.0	15.0	0.8
0.220	17.5	16.0	10.0	15.0	0.8
0.270	17.5	19.0	11.0	15.0	0.8
0.120	26.5	15.0	6.0	22.5	0.8
0.150	26.5	15.0	6.0	22.5	0.8
0.180	26.5	15.0	6.0	22.5	0.8
0.220	26.5	16.0	7.0	22.5	0.8
0.270	26.5	17.0	8.5	22.5	0.8
0.330	26.5	17.0	8.5	22.50	0.8
0.390	26.5	18.5	10.0	22.5	0.8
0.470	26.5	18.5	10.0	22.5	0.8
0.560	26.5	22.0	12.0	22.5	0.8
0.680	26.5	22.0	12.0	22.5	0.8
0.390	32.0	18.0	9.0	27.5	0.8
0.470	32.0	18.0	9.0	27.5	0.8
0.560	32.0	20.0	11.0	27.5	0.8
0.680	32.0	20.0	11.0	27.5	0.8
0.820	32.0	22.0	13.0	27.5	0.8
1.000	32.0	24.5	15.0	27.5	0.8
1.200	32.0	24.5	15.0	27.5	0.8
1.500	32.0	33.0	18.0	27.5	0.8
1.800	32.0	33.0	18.0	27.5	0.8

备注：“-”表示容量偏差。“-”=capacitance tolerance code, M=±20%,K=±10%,J=±5%,H=±3%,G=±2%

■ 外形尺寸 Dimensions (mm)

630Vdc(400Vac)					
C _N (μF)	W	H	T	P	d
0.00068	10.5	9.0	4.0	7.5	0.6
0.00082	10.5	9.0	4.0	7.5	0.6
0.0010	10.5	9.0	4.0	7.5	0.6
0.0012	10.5	9.0	4.0	7.5	0.6
0.0015	10.5	9.0	4.0	7.5	0.6
0.0018	10.5	9.0	4.0	7.5	0.6
0.0022	10.5	9.0	4.0	7.5	0.6
0.0027	10.5	9.0	4.0	7.5	0.6
0.0033	10.5	9.0	4.0	7.5	0.6
0.0039	10.5	9.0	4.0	7.5	0.6
0.0047	10.5	9.0	4.0	7.5	0.6
0.0056	10.5	9.0	4.0	7.5	0.6
0.0068	10.5	11.0	5.0	7.5	0.6
0.0082	10.5	11.0	5.0	7.5	0.6
0.0100	10.5	12.0	6.0	7.5	0.6
0.0120	10.5	12.0	6.0	7.5	0.6
0.0039	13.0	9.0	4.0	10.0	0.6
0.0047	13.0	9.0	4.0	10.0	0.6
0.0056	13.0	9.0	4.0	10.0	0.6
0.0068	13.0	9.0	4.0	10.0	0.6
0.0082	13.0	9.0	4.0	10.0	0.6
0.0100	13.0	11.0	5.0	10.0	0.6
0.0120	13.0	11.0	5.0	10.0	0.6
0.0150	13.0	12.0	6.0	10.0	0.6
0.0180	13.0	12.0	6.0	10.0	0.6
0.0100	17.5	11.0	5.0	15.0	0.8
0.0120	17.5	11.0	5.0	15.0	0.8
0.0150	17.5	11.0	5.0	15.0	0.8
0.0180	17.5	11.0	5.0	15.0	0.8
0.0220	17.5	11.0	5.0	15.0	0.8
0.0270	17.5	11.0	5.0	15.0	0.8
0.0330	17.5	12.0	6.0	15.0	0.8

630Vdc(400Vac)					
C _N (μF)	W	H	T	P	d
0.039	17.5	12.0	6.0	15.0	0.8
0.047	17.5	12.0	6.0	15.0	0.8
0.056	17.5	13.5	7.5	15.0	0.8
0.068	17.5	14.5	8.5	15.0	0.8
0.082	17.5	14.5	8.5	15.0	0.8
0.100	17.5	16.0	10.0	15.0	0.8
0.120	17.5	19.0	11.0	15.0	0.8
0.047	26.5	15.0	6.0	22.5	0.8
0.056	26.5	15.0	6.0	22.5	0.8
0.068	26.5	15.0	6.0	22.5	0.8
0.082	26.5	15.0	6.0	22.5	0.8
0.100	26.5	15.0	6.0	22.5	0.8
0.120	26.5	16.0	7.0	22.5	0.8
0.150	26.5	17.0	8.5	22.5	0.8
0.180	26.5	17.0	8.5	22.5	0.8
0.220	26.5	18.5	10.0	22.5	0.8
0.270	26.5	22.0	12.0	22.5	0.8
0.330	26.5	22.0	12.0	22.5	0.8
0.390	26.5	22.0	12.0	22.5	0.8
0.150	32.0	18.0	9.0	27.5	0.8
0.180	32.0	18.0	9.0	27.5	0.8
0.220	32.0	18.0	9.0	27.5	0.8
0.270	32.0	18.0	9.0	27.5	0.8
0.330	32.0	20.0	11.0	27.5	0.8
0.390	32.0	20.0	11.0	27.5	0.8
0.470	32.0	22.0	13.0	27.5	0.8
0.560	32.0	22.0	13.0	27.5	0.8
0.680	32.0	24.5	15.0	27.5	0.8
0.820	32.0	28.0	14.0	27.5	0.8
1.000	32.0	33.0	18.0	27.5	0.8
1.200	32.0	33.0	18.0	27.5	0.8

备注：“-”表示容量偏差。 “-”=capacitance tolerance code, M=±20%,K=±10%,J=±5%,H=±3%,G=±2%

■ 外形尺寸 Dimensions (mm)

1 000Vdc(600Vac)					
C _N (μF)	W	H	T	P	d
0.00047	10.5	9.0	4.0	7.5	0.6
0.00056	10.5	9.0	4.0	7.5	0.6
0.00068	10.5	9.0	4.0	7.5	0.6
0.00082	10.5	9.0	4.0	7.5	0.6
0.0010	10.5	9.0	4.0	7.5	0.6
0.0012	10.5	11.0	5.0	7.5	0.6
0.0015	10.5	11.0	5.0	7.5	0.6
0.0018	10.5	11.0	5.0	7.5	0.6
0.0022	10.5	11.0	5.0	7.5	0.6
0.0027	10.5	12.0	6.0	7.5	0.6
0.0033	10.5	12.0	6.0	7.5	0.6
0.0010	13.0	9.0	4.0	10.0	0.6
0.0012	13.0	9.0	4.0	10.0	0.6
0.0015	13.0	9.0	4.0	10.0	0.6
0.0018	13.0	9.0	4.0	10.0	0.6
0.0022	13.0	9.0	4.0	10.0	0.6
0.0027	13.0	9.0	4.0	10.0	0.6
0.0033	13.0	9.0	4.0	10.0	0.6
0.0039	13.0	11.0	5.0	10.0	0.6
0.0047	13.0	11.0	5.0	10.0	0.6
0.0056	13.0	12.0	6.0	10.0	0.6
0.0068	13.0	12.0	6.0	10.0	0.6
0.0082	17.5	11.0	5.0	15.0	0.8
0.010	17.5	11.0	5.0	15.0	0.8
0.012	17.5	11.0	5.0	15.0	0.8
0.015	17.5	11.0	5.0	15.0	0.8
0.018	17.5	13.5	7.5	15.0	0.8
0.022	17.5	13.5	7.5	15.0	0.8
0.027	17.5	14.5	8.5	15.0	0.8
0.033	17.5	14.5	8.5	15.0	0.8
0.039	17.5	16.0	10.0	15.0	0.8
0.047	17.5	16.0	10.0	15.0	0.8
0.056	17.5	19.0	11.0	15.0	0.8
0.068	17.5	19.0	11.0	15.0	0.8
0.082	26.5	15.0	6.0	22.5	0.8
0.10	26.5	15.0	6.0	22.5	0.8
0.12	26.5	15.0	6.0	22.5	0.8
0.15	26.5	16.0	7.0	22.5	0.8
0.18	26.5	17.0	8.5	22.5	0.8
0.22	26.5	18.5	10.0	22.5	0.8
0.27	26.5	18.5	10.0	22.5	0.8
0.33	26.5	22.0	12.0	22.5	0.8
0.39	26.5	22.0	12.0	22.5	0.8
0.47	32.0	18.0	9.0	27.5	0.8
0.027	26.5	15.0	6.0	22.5	0.8
0.033	26.5	15.0	6.0	22.5	0.8
0.039	26.5	15.0	6.0	22.5	0.8
0.047	26.5	16.0	7.0	22.5	0.8
0.056	26.5	16.0	7.0	22.5	0.8
0.068	26.5	17.0	8.5	22.5	0.8
0.082	26.5	18.5	10.0	22.5	0.8
0.100	26.5	18.5	10.0	22.5	0.8
0.120	26.5	22.0	12.0	22.5	0.8
0.150	26.5	22.0	12.0	22.5	0.8
0.100	32.0	18.0	9.0	27.5	0.8
0.120	32.0	20.0	11.0	27.5	0.8
0.150	32.0	20.0	11.0	27.5	0.8
0.180	32.0	22.0	13.0	27.5	0.8
0.220	32.0	22.0	13.0	27.5	0.8
0.270	32.0	24.5	15.0	27.5	0.8
0.330	32.0	28.0	14.0	27.5	0.8
0.390	32.0	33.0	18.0	27.5	0.8
0.470	32.0	33.0	18.0	27.5	0.8

1 600Vdc(650Vac)					
C _N (μF)	W	H	T	P	d
0.00068	17.5	11.0	5.0	15.0	0.8
0.00082	17.5	11.0	5.0	15.0	0.8
0.0010	17.5	11.0	5.0	15.0	0.8
0.0012	17.5	11.0	5.0	15.0	0.8
0.0015	17.5	11.0	5.0	15.0	0.8
0.0018	17.5	11.0	5.0	15.0	0.8
0.0022	17.5	11.0	5.0	15.0	0.8
0.0027	17.5	11.0	5.0	15.0	0.8
0.0033	17.5	11.0	5.0	15.0	0.8
0.0039	17.5	11.0	5.0	15.0	0.8
0.0047	17.5	11.0	5.0	15.0	0.8
0.0056	17.5	11.0	5.0	15.0	0.8
0.0068	17.5	11.0	5.0	15.0	0.8
0.0082	17.5	12.0	6.0	15.0	0.8
0.010	17.5	12.0	6.0	15.0	0.8
0.012	17.5	13.5	7.5	15.0	0.8
0.015	17.5	13.5	7.5	15.0	0.8
0.018	17.5	14.5	8.5	15.0	0.8
0.022	17.5	14.5	8.5	15.0	0.8
0.027	17.5	16.0	10.0	15.0	0.8
0.033	17.5	19.0	11.0	15.0	0.8
0.015	26.5	15.0	6.0	22.5	0.8
0.018	26.5	15.0	6.0	22.5	0.8
0.022	26.5	15.0	6.0	22.5	0.8
0.027	26.5	15.0	6.0	22.5	0.8
0.033	26.5	16.0	7.0	22.5	0.8
0.039	26.5	17.0	8.5	22.5	0.8
0.047	26.5	18.5	10.0	22.5	0.8
0.056	26.5	18.5	10.0	22.5	0.8
0.068	26.5	22.0	12.0	22.5	0.8
0.082	26.5	22.0	12.0	22.5	0.8
0.039	32.0	18.0	9.0	27.5	0.8
0.047	32.0	18.0	9.0	27.5	0.8
0.056	32.0	18.0	9.0	27.5	0.8
0.068	32.0	18.0	9.0	27.5	0.8
0.082	32.0	20.0	11.0	27.5	0.8
0.100	32.0	20.0	11.0	27.5	0.8
0.120	32.0	22.0	13.0	27.5	0.8
0.150	32.0	24.5	15.0	27.5	0.8
0.180	32.0	24.5	15.0	27.5	0.8
0.220	32.0	33.0	18.0	27.5	0.8
0.270	32.0	33.0	18.0	27.5	0.8
0.330	32.0	33.0	18.0	27.5	0.8

2 000Vdc(700Vac)					
C _N (μF)	W	H	T	P	d
0.00022	17.5	11.0	5.0	15.0	0.8
0.00027	17.5	11.0	5.0	15.0	0.8
0.00033	17.5	11.0	5.0	15.0	0.8
0.00039	17.5	11.0	5.0	15.0	0.8
0.00047	17.5	11.0	5.0	15.0	0.8
0.00056	17.5	11.0	5.0	15.0	0.8
0.00068	17.5	11.0	5.0	15.0	0.8
0.00082	17.5	11.0	5.0	15.0	0.8
0.0010	17.5	11.0	5.0	15.0	0.8
0.0012	17.5	11.0	5.0	15.0	0.8
0.0015	17.5	11.0	5.0	15.0	0.8
0.0018	17.5	11.0	5.0	15.0	0.8
0.0022	17.5	11.0	5.0	15.0	0.8
0.0027	17.5	11.0	5.0	15.0	0.8
0.0033	17.5	12.0	6.0	15.0	0.8
0.0039	17.5	12.0	6.0	15.0	0.8
0.0047	17.5	12.0	6.0	15.0	0.8
0.0056	17.5	13.5	7.5	15.0	0.8
0.0068	17.5	13.5	7.5	15.0	0.8
0.0082	17.5	14.5	8.5	15.0	0.8
0.010	17.5	16.0	10.0	15.0	0.8
0.012	17.5	16.0	10.0	15.0	0.8
0.015	17.5	19.0	11.0	15.0	0.8
0.0010	26.5	15.0	6.0	22.5	0.8
0.0012	26.5	15.0	6.0	22.5	0.8
0.0015	26.5	15.0	6.0	22.5	0.8
0.0018	26.5	15.0	6.0	22.5	0.8
0.0022	26.5	15.0	6.0	22.5	0.8
0.0027	26.5	15.0	6.0	22.5	0.8
0.0033	26.5	15.0	6.0	22.5	0.8
0.0039	26.5	15.0	6.0	22.5	0.8
0.0047	26.5	15.0	6.0	22.5	0.8
0.0056	26.5	15.0	6.0	22.5	0.8
0.0068	26.5	15.0	6.0	22.5	0.8
0.0082	26.5	15.0	6.0	22.5	0.8
0.010	26.5	15.0	6.0	22.5	0.8
0.012	26.5	15.0	6.0	22.5	0.8
0.015	26.5	16.0	7.0	22.5	0.8
0.018	26.5	16.0	7.0	22.5	0.8
0.022	26.5	17.0	8.5	22.5	0.8
0.027	26.5	18.5	10.0	22.5	0.8
0.033	26.5	18.5	10.0	22.5	0.8
0.039	26.5	22.0	12.0	22.5	0.8
0.047	26.5	22.0	12.0	22.5	0.8
0.022	32.0	18.0	9.0	27.5	0.8
0.027	32.0	18.0	9.0	27.5	0.8
0.033	32.0	18.0	9.0	27.5	0.8
0.039	32.0	20.0	11.0	27.5	0.8
0.047	32.0	20.0	11.0	27.5	0.8
0.056	32.0	22.0	13.0	27.5	0.8
0.068	32.0	22.0	13.0	27.5	0.8
0.082	32.0	24.5	15.0	27.5	0.8
0.100	32.0	28.0	14.0	27.5	0.8
0.120	32.0	33.0	18.0	27.5	0.8
0.150	32.0	33.0	18.0	27.5	0.8

备注：“-”表示容量偏差。 “-”=capacitance tolerance code, M=±20%,K=±10%,J=±5%,H=±3%,G=±2%