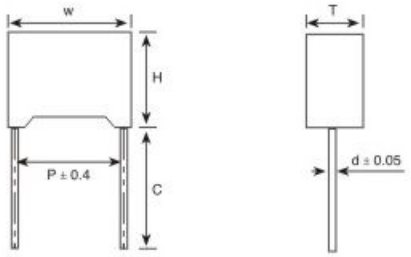
金属化聚丙烯膜电容器
Metallized polypropylene film capacitor (Box-type)

■ 外形图 Outline Drawing



W ± 0.4, H ± 0.4, T ± 0.4

■ 特点

- 高频损耗小
- 内部温升小，耐高温
- 塑料外壳（UL94 V-0），阻燃环氧填充

■ Features

- Low loss at high frequency
- Small inherent temperature rise,high temperature rage
- Plastic case （UL94 V-0）， Epoxy resin sealing

■ 主要用途

- 高压、大电流的脉冲电路
- 电子照明（如电子镇流器、E-HID）
- 高频交流负荷

■ Typical application

- Pulse applications with high A.C. voltage and high current
- Electric lighting(i.e. Electric ballast, E -HID)
- High-frequence A.C. loads

■ 技术要求 Specifications

引用标准 Reference Standard	GB/T 14579(IEC 60384-17)
气候类别 Climatic Category	55/125/56
额定温度 Rated Temperature	105℃
工作温度范围 Operating Temperature Range	-55℃ ~ 125℃ (+105℃ to +125℃：decreasing factor 1.25% per ℃ for U_R)
电容量范围 Capacitance Range	0.00047μF ~ 0.15μF
电容量偏差 Capacitance Tolerance	±3% (H)，±5%(J)，±10%(K)
耐电压 Voltage Proof	1.6U_R（5s）
损耗角正切 Dissipation Factor	≤ 0.0010 (1kHz，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_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(Vac)	dV/dt (V/μs)			
	P=7.5	P=10.0	P=15.0	P=22.5
400	3 000	2 200	2 000	800
500	4 000	3 000	2 500	1 200
600	6 500	6 000	4 500	1 800
700	--	9 800	9 500	4 500
900	--	--	10 000	6 000

U_R	400Vac		500Vac		600Vac		700Vac		900Vac
P (mm)	7.5	> 7.5	7.5	> 7.5	≤ 10.0	> 10.0	10.0	> 10.0	---
Vdc(V)	1 000	1 300	1 300	1 400	1 400	1 600	1 600	2 000	2 500

■ 外形尺寸 Dimensions（mm）

400Vac					
C_N (μF)	W	H	T	P	d
0.00082	10.5	9.0	4.0	7.5	0.6
0.00100	10.5	9.0	4.0	7.5	0.6
0.00120	10.5	9.0	4.0	7.5	0.6
0.00150	10.5	9.0	4.0	7.5	0.6
0.00180	10.5	9.0	4.0	7.5	0.6
0.00220	10.5	9.0	4.0	7.5	0.6
0.00270	10.5	9.0	4.0	7.5	0.6
0.00330	10.5	9.0	4.0	7.5	0.6
0.00360	10.5	9.0	4.0	7.5	0.6
0.00390	10.5	9.0	4.0	7.5	0.6
0.00470	10.5	9.0	4.0	7.5	0.6
0.00560	10.5	11.0	5.0	7.5	0.6
0.00680	10.5	11.0	5.0	7.5	0.6
0.00820	10.5	11.0	5.0	7.5	0.6
0.01000	10.5	12.0	6.0	7.5	0.6
0.01200	10.5	12.0	6.0	7.5	0.6
0.00100	13.0	9.0	4.0	10.0	0.6
0.00120	13.0	9.0	4.0	10.0	0.6
0.00150	13.0	9.0	4.0	10.0	0.6
0.00180	13.0	9.0	4.0	10.0	0.6
0.00220	13.0	9.0	4.0	10.0	0.6
0.00270	13.0	9.0	4.0	10.0	0.6
0.00330	13.0	9.0	4.0	10.0	0.6
0.00390	13.0	9.0	4.0	10.0	0.6
0.00470	13.0	11.0	5.0	10.0	0.6
0.00560	13.0	11.0	5.0	10.0	0.6
0.00680	13.0	11.0	5.0	10.0	0.6
0.00820	13.0	12.0	6.0	10.0	0.6
0.01000	13.0	12.0	6.0	10.0	0.6

400Vac					
C_N (μF)	W	H	T	P	d
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	11.0	5.0	15.0	0.8
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	12.0	6.0	15.0	0.8
0.0180	17.5	12.0	6.0	15.0	0.8
0.0220	17.5	13.5	7.5	15.0	0.8
0.0270	17.5	13.5	7.5	15.0	0.8
0.0330	17.5	14.5	8.5	15.0	0.8
0.0390	17.5	16.0	10.0	15.0	0.8
0.0470	17.5	16.0	10.0	15.0	0.8
0.0560	17.5	19.0	11.0	15.0	0.8
0.0680	17.5	19.0	11.0	15.0	0.8
0.0180	26.5	15.0	6.0	22.5	0.8
0.0220	26.5	15.0	6.0	22.5	0.8
0.0270	26.5	15.0	6.0	22.5	0.8
0.0330	26.5	15.0	6.0	22.5	0.8
0.0390	26.5	15.0	6.0	22.5	0.8
0.0470	26.5	16.0	7.0	22.5	0.8
0.0560	26.5	16.0	7.0	22.5	0.8
0.0680	26.5	17.0	8.5	22.5	0.8
0.0820	26.5	17.0	8.5	22.5	0.8
0.1000	26.5	18.5	10.0	22.5	0.8
0.1200	26.5	22.0	12.0	22.5	0.8
0.1500	26.5	22.0	12.0	22.5	0.8

备注："–" 表示容量偏差。 "–" =capacitance tolerance code, K=±10%, J=±5.0%, H=±3.0%

■ 外形尺寸 Dimensions（mm）

500Vac					
C_N (μF)	W	H	T	P	d
0.00056	10.5	9.0	4.0	7.5	0.6
0.00062	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
0.00100	10.5	9.0	4.0	7.5	0.6
0.00120	10.5	9.0	4.0	7.5	0.6
0.00150	10.5	9.0	4.0	7.5	0.6
0.00180	10.5	9.0	4.0	7.5	0.6
0.00220	10.5	11.0	5.0	7.5	0.6
0.00270	10.5	11.0	5.0	7.5	0.6
0.00330	10.5	11.0	5.0	7.5	0.6
0.00360	10.5	12.0	6.0	7.5	0.6
0.00390	10.5	12.0	6.0	7.5	0.6
0.00470	10.5	12.0	6.0	7.5	0.6
0.00560	10.5	12.0	6.0	7.5	0.6
0.00100	13.0	9.0	4.0	10.0	0.6
0.00120	13.0	9.0	4.0	10.0	0.6
0.00150	13.0	9.0	4.0	10.0	0.6
0.00180	13.0	9.0	4.0	10.0	0.6
0.00220	13.0	9.0	4.0	10.0	0.6
0.00270	13.0	9.0	4.0	10.0	0.6
0.00300	13.0	9.0	4.0	10.0	0.6
0.00330	13.0	9.0	4.0	10.0	0.6
0.00390	13.0	11.0	5.0	10.0	0.6
0.00470	13.0	11.0	5.0	10.0	0.6
0.00560	13.0	11.0	5.0	10.0	0.6
0.00680	13.0	12.0	6.0	10.0	0.6
0.00820	13.0	12.0	6.0	10.0	0.6
0.01000	13.0	13.0	7.0	10.0	0.6
0.01200	13.0	14.0	8.0	10.0	0.6

500Vac					
C_N (μF)	W	H	T	P	d
0.0033	17.5	11.0	5.0	15.0	0.8
0.0036	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	11.0	5.0	15.0	0.8
0.0100	17.5	11.0	5.0	15.0	0.8
0.0120	17.5	12.0	6.0	15.0	0.8
0.0150	17.5	12.0	6.0	15.0	0.8
0.0180	17.5	13.5	7.5	15.0	0.8
0.0220	17.5	13.5	7.5	15.0	0.8
0.0270	17.5	13.5	7.5	15.0	0.8
0.0300	17.5	14.5	8.5	15.0	0.8
0.0330	17.5	16.0	10.0	15.0	0.8
0.0360	17.5	16.0	10.0	15.0	0.8
0.0390	17.5	16.0	10.0	15.0	0.8
0.0470	17.5	19.0	11.0	15.0	0.8
0.0560	17.5	19.0	11.0	15.0	0.8
0.0100	26.5	15.0	6.0	22.5	0.8
0.0120	26.5	15.0	6.0	22.5	0.8
0.0150	26.5	15.0	6.0	22.5	0.8
0.0180	26.5	15.0	6.0	22.5	0.8
0.0220	26.5	15.0	6.0	22.5	0.8
0.0270	26.5	15.0	6.0	22.5	0.8
0.0330	26.5	16.0	7.0	22.5	0.8
0.0360	26.5	16.0	7.0	22.5	0.8
0.0390	26.5	16.0	7.0	22.5	0.8
0.0470	26.5	17.0	8.5	22.5	0.8
0.0560	26.5	17.0	8.5	22.5	0.8
0.0680	26.5	18.5	10.0	22.5	0.8
0.0820	26.5	18.5	10.0	22.5	0.8
0.1000	26.5	22.0	12.0	22.5	0.8
0.1200	26.5	22.0	12.0	22.5	0.8

备注："–" 表示容量偏差。 "–" =capacitance tolerance code, K=±10%, J=±5.0%, H=±3.0%

■ 外形尺寸 Dimensions（mm）

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
0.00062	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
0.00100	10.5	9.0	4.0	7.5	0.6
0.00120	10.5	9.0	4.0	7.5	0.6
0.00150	10.5	9.0	4.0	7.5	0.6
0.00180	10.5	11.0	5.0	7.5	0.6
0.00220	10.5	11.0	5.0	7.5	0.6
0.00270	10.5	11.0	5.0	7.5	0.6
0.00330	10.5	12.0	6.0	7.5	0.6
0.00360	10.5	12.0	6.0	7.5	0.6
0.00390	10.5	12.0	6.0	7.5	0.6
0.00470	10.5	12.0	6.0	7.5	0.6
0.00056	13.0	9.0	4.0	10.0	0.6
0.00062	13.0	9.0	4.0	10.0	0.6
0.00068	13.0	9.0	4.0	10.0	0.6
0.00082	13.0	9.0	4.0	10.0	0.6
0.00100	13.0	9.0	4.0	10.0	0.6
0.00110	13.0	9.0	4.0	10.0	0.6
0.00120	13.0	9.0	4.0	10.0	0.6
0.00130	13.0	9.0	4.0	10.0	0.6
0.00150	13.0	9.0	4.0	10.0	0.6
0.00170	13.0	9.0	4.0	10.0	0.6
0.00180	13.0	9.0	4.0	10.0	0.6
0.00200	13.0	9.0	4.0	10.0	0.6
0.00220	13.0	9.0	4.0	10.0	0.6
0.00270	13.0	9.0	4.0	10.0	0.6
0.00300	13.0	9.0	4.0	10.0	0.6
0.00330	13.0	9.0	4.0	10.0	0.6
0.00360	13.0	11.0	5.0	10.0	0.6
0.00390	13.0	11.0	5.0	10.0	0.6
0.00470	13.0	11.0	5.0	10.0	0.6
0.00560	13.0	11.0	5.0	10.0	0.6
0.00680	13.0	12.0	6.0	10.0	0.6
0.00820	13.0	12.0	6.0	10.0	0.6
0.01000	13.0	13.0	7.0	10.0	0.6
0.01200	13.0	14.0	8.0	10.0	0.6

600Vac					
C_N (μF)	W	H	T	P	d
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
0.0100	17.5	12.0	6.0	15.0	0.8
0.0120	17.5	12.0	6.0	15.0	0.8
0.0150	17.5	13.5	7.5	15.0	0.8
0.0180	17.5	13.5	7.5	15.0	0.8
0.0220	17.5	14.5	8.5	15.0	0.8
0.0270	17.5	16.0	10.0	15.0	0.8
0.0330	17.5	16.0	10.0	15.0	0.8
0.0390	17.5	19.0	11.0	15.0	0.8
0.0470	17.5	19.0	11.0	15.0	0.8
0.0150	26.5	15.0	6.0	22.5	0.8
0.0180	26.5	15.0	6.0	22.5	0.8
0.0220	26.5	15.0	6.0	22.5	0.8
0.0270	26.5	16.0	7.0	22.5	0.8
0.0330	26.5	16.0	7.0	22.5	0.8
0.0390	26.5	17.0	8.5	22.5	0.8
0.0470	26.5	18.5	10.0	22.5	0.8
0.0560	26.5	18.5	10.0	22.5	0.8
0.0680	26.5	22.0	12.0	22.5	0.8
0.0820	26.5	22.0	12.0	22.5	0.8
0.1000	26.5	22.0	12.0	22.5	0.8

备注："–" 表示容量偏差。 "–" =capacitance tolerance code, K=±10%, J=±5.0%, H=±3.0%

■ 外形尺寸 Dimensions（mm）

700Vac					
C_N (μF)	W	H	T	P	d
0.00056	13.0	9.0	4.0	10.0	0.6
0.00062	13.0	9.0	4.0	10.0	0.6
0.00068	13.0	9.0	4.0	10.0	0.6
0.00082	13.0	9.0	4.0	10.0	0.6
0.00100	13.0	9.0	4.0	10.0	0.6
0.00120	13.0	9.0	4.0	10.0	0.6
0.00150	13.0	11.0	5.0	10.0	0.6
0.00180	13.0	11.0	5.0	10.0	0.6
0.00220	13.0	11.0	5.0	10.0	0.6
0.00270	13.0	11.0	5.0	10.0	0.6
0.00330	13.0	12.0	6.0	10.0	0.6
0.00360	13.0	12.0	6.0	10.0	0.6
0.00390	13.0	12.0	6.0	10.0	0.6
0.00470	13.0	13.0	7.0	10.0	0.6
0.00560	13.0	13.0	7.0	10.0	0.6
0.00680	13.0	14.0	8.0	10.0	0.6
0.00820	13.0	14.0	8.0	10.0	0.6
0.00056	17.5	11.0	5.0	15.0	0.8
0.00062	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
0.00100	17.5	11.0	5.0	15.0	0.8
0.00120	17.5	11.0	5.0	15.0	0.8
0.00150	17.5	11.0	5.0	15.0	0.8
0.00180	17.5	11.0	5.0	15.0	0.8
0.00220	17.5	11.0	5.0	15.0	0.8
0.00270	17.5	11.0	5.0	15.0	0.8
0.00330	17.5	11.0	5.0	15.0	0.8
0.00390	17.5	11.0	5.0	15.0	0.8
0.00470	17.5	12.0	6.0	15.0	0.8
0.00560	17.5	12.0	6.0	15.0	0.8
0.00680	17.5	13.5	7.5	15.0	0.8
0.00820	17.5	13.5	7.5	15.0	0.8
0.01000	17.5	13.5	7.5	15.0	0.8
0.01200	17.5	14.5	8.5	15.0	0.8
0.01500	17.5	14.5	8.5	15.0	0.8
0.01800	17.5	16.0	10.0	15.0	0.8
0.02200	17.5	19.0	11.0	15.0	0.8
0.00680	26.5	15.0	6.0	22.5	0.8
0.00820	26.5	15.0	6.0	22.5	0.8
0.01000	26.5	15.0	6.0	22.5	0.8
0.01200	26.5	15.0	6.0	22.5	0.8
0.01500	26.5	15.0	6.0	22.5	0.8
0.01800	26.5	16.0	7.0	22.5	0.8
0.02200	26.5	17.0	8.5	22.5	0.8
0.02700	26.5	17.0	8.5	22.5	0.8
0.03300	26.5	18.5	10.0	22.5	0.8
0.03900	26.5	18.5	10.0	22.5	0.8
0.04700	26.5	22.0	12.0	22.5	0.8
0.05600	26.5	22.0	12.0	22.5	0.8

900Vac					
C_N (μF)	W	H	T	P	d
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
0.00100	17.5	11.0	5.0	15.0	0.8
0.00120	17.5	11.0	5.0	15.0	0.8
0.00150	17.5	11.0	5.0	15.0	0.8
0.00180	17.5	11.0	5.0	15.0	0.8
0.00220	17.5	11.0	5.0	15.0	0.8
0.00270	17.5	11.0	5.0	15.0	0.8
0.00330	17.5	11.0	5.0	15.0	0.8
0.00390	17.5	12.0	6.0	15.0	0.8
0.00470	17.5	12.0	6.0	15.0	0.8
0.00560	17.5	12.0	6.0	15.0	0.8
0.00680	17.5	13.5	7.5	15.0	0.8
0.00820	17.5	13.5	7.5	15.0	0.8
0.01000	17.5	14.5	8.5	15.0	0.8
0.01200	17.5	16.0	10.0	15.0	0.8
0.01500	17.5	16.0	10.0	15.0	0.8
0.01800	17.5	19.0	11.0	15.0	0.8
0.00220	26.5	15.0	6.0	22.5	0.8
0.00270	26.5	15.0	6.0	22.5	0.8
0.00330	26.5	15.0	6.0	22.5	0.8
0.00390	26.5	15.0	6.0	22.5	0.8
0.00470	26.5	15.0	6.0	22.5	0.8
0.00560	26.5	15.0	6.0	22.5	0.8
0.00680	26.5	15.0	6.0	22.5	0.8
0.00820	26.5	15.0	6.0	22.5	0.8
0.01000	26.5	16.0	7.0	22.5	0.8
0.01200	26.5	16.0	7.0	22.5	0.8
0.01500	26.5	17.0	8.5	22.5	0.8
0.01800	26.5	18.5	10.0	22.5	0.8
0.02200	26.5	18.5	10.0	22.5	0.8
0.02700	26.5	22.0	12.0	22.5	0.8
0.03300	26.5	22.0	12.0	22.5	0.8

备注："–"表示容量偏差。 "–" =capacitance tolerance code, H=±3.0%, J=±5.0%,K=±10%