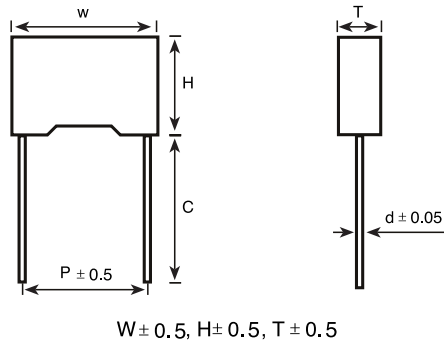


## 金属化聚丙烯膜电容器 Metallized polypropylene film capacitor(Box-type)

### ■ 外形图 Outline Drawing



### ■ 特点

- 金属化聚丙烯
- 高频损耗小
- 内部温升小
- 塑料外壳(UL94 V-0), 阻燃环氧填充

### ■ 主要用途

- 广泛应用于高频、直流、交流和脉冲电路中
- 电视机、显示器S校正电路

### ■ Features

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

### ■ Typical Applications

- Widely used in high frequency, DC,AC and pulse circuits
- S-correction circuits for TV sets and monitors

### ■ 技术要求 Specifications

引用标准 Reference Standard	GB/T 14579 (IEC 60384-17)						
气候类别 Climatic Category	40/105/56						
额定温度 Rated Temperature	85°C						
工作温度 Operating Temperature Range	-55°C ~ 105°C (+85°C to +105°C: decreasing factor 1.25% per °C for U <sub>R</sub> )						
额定电压 Rated Voltage	250Vdc(160Vac); 400Vdc(220Vac); 630Vdc(250Vac) 1000Vdc(400Vac)						
电容量范围 Capacitance Range	0.00056μF ~ 15.0μF						
电容量偏差 Capacitance Tolerance	± 5%(J), ± 10%(K), ± 20%(M)						
耐电压 Voltage Proof	1.6U <sub>R</sub> ( 5s )						
损耗角正切 Dissipation Factor	≤ 10 × 10 <sup>-4</sup> (1kHz, 20°C )						
绝缘电阻 Insulation Resistance	≥ 100 000MΩ, C <sub>N</sub> ≤ 0.33μF ≥ 30 000s, C <sub>N</sub> > 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 <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.	U <sub>R</sub> (V)	dV/dt (V/μs)					
		P=5.0	P=7.5	P=10.0	P=15.0	P=22.5	P=27.5
	160	110	310	190	110	65	55
	250	270	660	560	310	130	110
	400	440	900	780	600	300	130
	630	550	1 500	1 200	900	400	200
	1 000	--	--	2 200	2 000	800	--
	1 600	--	--	--	4 500	1 800	--
2 000	--	--	--	9 500	4 500	--	

METALLIZED POLYPROPYLENE FILM CAPACITOR

尺寸 Dimensions(mm)

Rated Cap.	250VDC/160vAC					Rated Cap.	400VDC/220VAC					Rated Cap.	630VDC/250VAC				
	W	H	T	P	d		W	H	T	P	d		W	H	T	P	d
	±0.5	±0.5	±0.5	±1.0	±0.05		±0.5	±0.5	±0.5	±1.0	±0.05		±0.5	±0.5	±0.5	±1.0	±0.05
4700pF	13.0	9.0	4.0	10.0	0.6	4700pF	13.0	9.0	4.0	10.0	0.6	4700pF	13.0	9.0	4.0	10.0	0.6
5600pF	13.0	9.0	4.0	10.0	0.6	5600pF	13.0	9.0	4.0	10.0	0.6	5600pF	13.0	9.0	4.0	10.0	0.6
6800pF	13.0	9.0	4.0	10.0	0.6	6800pF	13.0	9.0	4.0	10.0	0.6	6800pF	13.0	9.0	4.0	10.0	0.6
8200pF	13.0	11.0	5.0	10.0	0.6	8200pF	13.0	11.0	5.0	10.0	0.6	8200pF	13.0	11.0	5.0	10.0	0.6
0.010uF	13.0	11.0	5.0	10.0	0.6	0.010uF	13.0	11.0	5.0	10.0	0.6	0.010uF	13.0	11.0	5.0	10.0	0.6
0.012uF	13.0	11.0	5.0	10.0	0.6	0.015uF	13.0	11.0	5.0	10.0	0.6	0.012uF	13.0	11.0	5.0	10.0	0.6
0.015uF	13.0	11.0	5.0	10.0	0.6	0.022uF	13.0	11.0	5.0	10.0	0.6	0.015uF	13.0	11.0	5.0	10.0	0.6
0.018uF	13.0	11.0	5.0	10.0	0.6	0.027uF	13.0	11.0	5.0	10.0	0.6	0.022uF	13.0	12.0	6.0	10.0	0.6
0.022uF	13.0	11.0	5.0	10.0	0.6	0.033uF	13.0	11.0	5.0	10.0	0.6	0.022uF	18.0	11.0	5.0	15.0	0.6
0.027uF	13.0	11.0	5.0	10.0	0.6	0.047uF	13.0	12.0	6.0	10.0	0.6	0.027uF	13.0	13.0	7.0	10.0	0.6
0.033uF	13.0	11.0	5.0	10.0	0.6	0.068uF	18.0	11.0	5.0	15.0	0.6	0.027uF	18.0	11.0	5.0	15.0	0.6
0.039uF	13.0	11.0	5.0	10.0	0.6	0.082uF	18.0	12.0	6.0	15.0	0.8	0.033uF	13.0	13.0	7.0	10.0	0.6
0.047uF	13.0	11.0	5.0	10.0	0.6	0.10uF	18.0	12.0	6.0	15.0	0.8	0.033uF	13.0	12.0	6.0	15.0	0.8
0.056uF	13.0	11.0	5.0	10.0	0.6	0.15uF	18.0	14.5	8.5	15.0	0.8	0.047uF	18.0	13.5	7.5	15.0	0.8
0.068uF	13.0	12.0	6.0	10.0	0.6	0.22uF	26.5	16.5	7.0	22.5	0.8	0.068uF	18.0	14.5	8.5	15.0	0.8
0.082uF	13.0	12.0	6.0	10.0	0.6	0.27uF	26.5	16.5	7.0	22.5	0.8	0.082uF	18.0	15.5	9.5	15.0	0.8
0.10uF	13.0	12.0	6.0	10.0	0.6	0.33uF	26.5	17.0	8.5	22.5	0.8	0.10uF	18.0	16.0	10.0	15.0	0.8
0.12uF	13.0	12.0	6.0	10.0	0.6	0.47uF	26.5	19.0	10.0	22.5	0.8	0.15uF	26.5	16.0	7.0	22.5	0.8
0.15uF	13.0	12.0	6.0	10.0	0.6	0.56uF	26.5	20.0	11.5	22.5	0.8	0.18uF	26.5	17.0	8.5	22.5	0.8
0.15uF	18.0	11.0	5.0	15.0	0.6	0.68uF	26.5	20.0	11.5	22.5	0.8	0.22uF	26.5	19.0	10.0	22.5	0.8
0.18uF	13.0	13.0	7.0	10.0	0.6	0.82uF	31.5	19.5	11.0	27.5	0.8	0.27uF	26.5	20.0	11.5	22.5	0.8
0.18uF	18.0	11.0	5.0	15.0	0.6	1.0uF	32.0	22.0	13.0	27.5	0.8	0.33uF	31.5	19.5	11.0	27.5	0.8
0.22uF	18.0	12.0	6.0	15.0	0.8	1.5uF	32.0	30.0	15.0	27.5	0.8	0.39uF	31.5	21.5	13.0	27.5	0.8
0.22uF	26.5	15.0	6.0	22.5	0.8	2.2uF	32.0	28.0	18.0	27.5	0.8	0.47uF	31.5	25.0	14.0	27.5	0.8
0.27uF	18.0	13.0	6.3	15.0	0.8												
0.27uF	26.5	15.0	6.0	22.5	0.8	Rated Cap.	1000VDC/400VAC					Rated Cap.	1000VDC/400VAC				
0.33uF	18.0	13.5	7.5	15.0	0.8		W	H	T	P	d		W	H	T	P	d
0.33uF	26.5	16.5	7.0	22.5	0.8		±0.5	±0.5	±0.5	±1.0	±0.05		±0.5	±0.5	±0.5	±1.0	±0.05
0.39uF	18.0	14.5	8.5	15.0	0.8	560pF	13.0	9.0	4.0	10.0	0.6	5600pF	13.0	11.0	5.0	10.0	0.6
0.39uF	26.5	16.5	7.0	22.5	0.8	1000pF	13.0	9.0	4.0	10.0	0.6	5600pF	18.0	11.0	5.0	15.0	0.6
0.47uF	18.0	16.5	8.5	15.0	0.8	1200pF	13.0	9.0	4.0	10.0	0.6	6800pF	13.0	11.0	5.0	10.0	0.6
0.47uF	26.5	17.0	8.5	22.5	0.8	1500pF	13.0	9.0	4.0	10.0	0.6	6800pF	18.0	12.0	6.0	15.0	0.8
0.56uF	26.5	17.0	8.5	22.5	0.8	1800pF	13.0	9.0	4.0	10.0	0.6	8200pF	13.0	12.0	6.0	10.0	0.6
0.68uF	26.5	19.0	10.0	22.5	0.8	2200pF	18.0	11.0	5.0	15.0	0.6	8200pF	18.0	12.0	6.0	15.0	0.8
0.82uF	26.5	19.0	10.0	22.5	0.8	2700pF	13.0	9.0	4.0	10.0	0.6	0.010uF	13.0	13.0	7.0	10.0	0.6
1.0uF	26.5	19.0	10.0	22.5	0.8	2700pF	18.0	11.0	5.0	15.0	0.6	0.010uF	18.0	12.0	6.0	15.0	0.8
1.0uF	31.5	19.5	11.0	27.5	0.8	3300pF	13.0	9.0	4.0	10.0	0.6	0.012uF	18.0	13.5	7.5	15.0	0.8
1.5uF	31.5	19.5	11.0	27.5	0.8	3300pF	18.0	11.0	5.0	15.0	0.6	0.015uF	18.0	13.5	7.5	15.0	0.8
2.2uF	31.5	21.5	13.0	27.5	0.8	3900pF	13.0	9.0	4.0	10.0	0.6	0.018uF	18.0	14.5	8.5	15.0	0.8
10.0uF	41.5	26	14.5	37.5	1.0	3900pF	18.0	11.0	5.0	15.0	0.6	0.022uF	18.0	16.0	10.0	15.0	0.8
15.0uF	41.5	30	17	37.5	1.0	4700pF	13.0	11.0	5.0	10.0	0.6	0.027uF	18.0	16.0	10.0	15.0	0.8
						4700pF	18.0	11.0	5.0	15.0	0.6	0.033uF	18.0	19.0	11.0	15.0	0.8

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