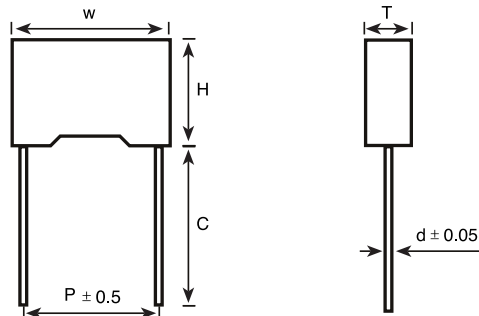


## 金属化聚丙烯膜电容器(高压高频) Metallized polypropylene film capacitor (High voltage&frequency)

### ■ 外形图 Outline Drawing



$W \pm 0.5, H \pm 0.5, T \pm 0.5$

### ■ 特点

- 金属化聚丙烯膜箔式, 卷绕结构
- 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

- 高压高频脉冲电路中
- 电子照明(汽车头灯、整流器)

### ■ 技术要求 Specifications

### ■ Features

- Metallized polypropylene film/foil, wound construction
- Low loss and small inherent temperature rise
- Negative temperature coefficient of capacitance
- Excellent active and passive flame resistant abilities

### ■ Typical Applications

- pulse applications with high. AC. voltage and HIGH current
- electronic lighting(i.e. car headlamp and lighting ballast)

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℃				
工作温度 Operating Temperature Range	-40℃ ~ 105℃ (+85℃ to +105℃: decreasing factor 1.25% per °C for $U_R$ (dc)) (+75℃ to +105℃: decreasing factor 1.35% per °C for $U_R$ (ac))				
额定电压 Rated Voltage	630V, 800V, 1000/1250V, 1600V, 2000V, 2500V				
电容量范围 Capacitance Range	0.0010μF ~ 0.12μF				
电容量偏差 Capacitance Tolerance	± 3%(H), ± 5%(J), ± 10%(K)				
耐电压 Voltage Proof	1.6 $U_R$ ( 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 $U_R/U$ .	$U_R$ (V)	dV/dt (V/μs)			
		P=10.0	P=15.0	P=22.5	P=27.5
	250(630Vdc)	3 000	1 100	--	--
	300(800Vdc)	--	2 500	1 500	--
	400(1 000Vdc)	--	3 500	2 100	--
	500(1 600Vdc)	--	5 000	3 000	2 000
	700(2 000Vdc)	--	8 000	5 000	2 200
900(2 500Vdc)	--	--	7 000	--	



METALLIZED POLYPROPYLENE FILM CAPACITOR

尺寸 Dimensions(mm)

Rated Cap.	630/1250VDC					Rated Cap.	1600/2000VDC					Rated Cap.	2500VDC				
	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
1000pF	18.0	11.0	5.0	15.0	0.8	1000pF	18.0	11.0	5.0	15.0	0.8	1000pF	18.0	12.0	6.0	15.0	0.8
1200pF	18.0	11.0	5.0	15.0	0.8	1200pF	18.0	11.0	5.0	15.0	0.8	1200pF	18.0	12.0	6.0	15.0	0.8
1500pF	18.0	11.0	5.0	15.0	0.8	1500pF	18.0	11.0	5.0	15.0	0.8	1500pF	18.0	12.0	6.0	15.0	0.8
1800pF	18.0	11.0	5.0	15.0	0.8	1800pF	18.0	12.0	6.0	15.0	0.8	1800pF	18.0	13.5	7.5	15.0	0.8
2200pF	18.0	11.0	5.0	15.0	0.8	2200pF	18.0	12.0	6.0	15.0	0.8	2200pF	18.0	13.5	7.5	15.0	0.8
2700pF	18.0	12.0	6.0	15.0	0.8	2700pF	18.0	12.0	6.0	15.0	0.8	2700pF	18.0	14.5	8.5	15.0	0.8
3300pF	18.0	12.0	6.0	15.0	0.8	3300pF	18.0	13.5	7.5	15.0	0.8	3300pF	18.0	16.0	10.0	15.0	0.8
3600pF	18.0	13.0	6.3	15.0	0.8	3600pF	18.0	13.5	7.5	15.0	0.8	3600pF	26.5	15.0	6.0	22.5	0.8
3900pF	18.0	13.0	6.3	15.0	0.8	3900pF	18.0	13.5	7.5	15.0	0.8	3900pF	26.5	15.0	6.0	22.5	0.8
4300pF	18.0	13.5	7.5	15.0	0.8	4300pF	18.0	14.5	8.5	15.0	0.8	4300pF	26.5	15.0	6.0	22.5	0.8
4700pF	18.0	13.5	7.5	15.0	0.8	4700pF	18.0	14.5	8.5	15.0	0.8	4700pF	26.5	15.0	6.0	22.5	0.8
5100pF	18.0	13.5	7.5	15.0	0.8	5100pF	18.0	16.0	10.0	15.0	0.8	5100pF	26.5	16.5	7.0	22.5	0.8
5600pF	18.0	13.5	7.5	15.0	0.8	5600pF	18.0	16.0	10.0	15.0	0.8	5600pF	26.5	16.5	7.0	22.5	0.8
6000pF	18.0	13.5	7.5	15.0	0.8	6000pF	18.0	16.0	10.0	15.0	0.8	6000pF	26.5	16.5	7.0	22.5	0.8
6200pF	18.0	13.5	7.5	15.0	0.8	6200pF	18.0	16.0	10.0	15.0	0.8	6200pF	26.5	16.5	7.0	22.5	0.8
6800pF	18.0	13.5	7.5	15.0	0.8	6800pF	18.0	16.0	10.0	15.0	0.8	6800pF	26.5	16.5	7.0	22.5	0.8
7500pF	18.0	14.5	8.5	15.0	0.8	7500pF	26.5	15.0	6.0	22.5	0.8	7500pF	26.5	17.0	8.5	22.5	0.8
8200pF	18.0	14.5	8.5	15.0	0.8	8200pF	26.5	15.0	6.0	22.5	0.8	8200pF	26.5	17.0	8.5	22.5	0.8
9100pF	18.0	14.5	8.5	15.0	0.8	9100pF	26.5	16.5	7.0	22.5	0.8	9100pF	26.5	19.0	10.0	22.5	0.8
0.010uF	18.0	14.5	8.5	15.0	0.8	0.010uF	26.5	16.5	7.0	22.5	0.8	0.010uF	26.5	19.0	10.0	22.5	0.8
0.012uF	18.0	14.5	8.5	15.0	0.8	0.012uF	26.5	17.0	8.5	22.5	0.8	0.012uF	26.5	19.0	10.0	22.5	0.8
0.015uF	18.0	16.0	10.0	15.0	0.8	0.015uF	26.5	19.0	10.0	22.5	0.8	0.015uF	26.5	20.0	11.5	22.5	0.8
0.018uF	26.5	16.5	7.0	22.5	0.8	0.018uF	26.5	19.0	10.0	22.5	0.8	0.018uF	26.5	22.0	12.5	22.5	0.8
0.022uF	26.5	17.0	8.5	22.5	0.8	0.022uF	26.5	20.0	11.0	22.5	0.8						
0.027uF	26.5	19.0	10.0	22.5	0.8												
0.033uF	26.5	19.0	10.0	22.5	0.8												
0.036uF	26.5	20.0	11.5	22.5	0.8												
0.039uF	26.5	20.0	11.5	22.5	0.8												
0.047uF	32.0	20.0	11.0	27.5	0.8												
0.056uF	32.0	20.0	11.0	27.5	0.8												
0.068uF	32.0	22.0	13.0	27.5	0.8												
0.1uF	32.0	22.0	13.0	27.5	0.8												
0.12uF	32.0	25.0	14.0	27.5	0.8												

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