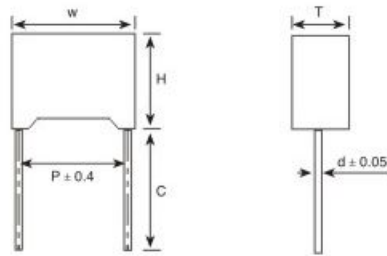


盒式双面金属化聚丙烯膜电容器

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

- 高压高频脉冲电路中
- 电子照明（汽车头灯、镇流器）

■ 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

- 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	250Vac (630Vdc) , 300Vac (800Vdc) 400Vac (1 000Vdc) , 500Vac (1 600Vdc) 700Vac (2 000Vdc) , 900Vac (2 500Vdc)				
电容量范围 Capacitance Range	0.0010μF ~ 0.12μF				
电容量偏差 Capacitance Tolerance	± 2%(G), ± 3%(H), ± 3.5%(C); ± 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℃)				
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	--	

■ 外形尺寸 Dimensions (mm)

250Vac (630Vdc)					
C _N (μF)	W	H	T	P	d
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	11.0	5.0	10.0	0.6
0.018	13.0	12.0	6.0	10.0	0.6
0.022	13.0	12.0	6.0	10.0	0.6
0.027	17.5	12.0	6.0	15.0	0.8
0.033	17.5	12.0	6.0	15.0	0.8
0.039	17.5	12.0	6.0	15.0	0.8
0.047	17.5	13.5	7.5	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	16.0	10.0	15.0	0.8
0.100	17.5	16.0	10.0	15.0	0.8

300Vac (800Vdc)					
C _N (μF)	W	H	T	P	d
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	11.0	5.0	15.0	0.8
0.022	17.5	12.0	6.0	15.0	0.8
0.027	17.5	12.0	6.0	15.0	0.8
0.033	17.5	13.5	7.5	15.0	0.8
0.039	17.5	13.5	7.5	15.0	0.8
0.047	17.5	14.5	8.5	15.0	0.8
0.056	17.5	16.0	10.0	15.0	0.8
0.068	17.5	16.0	10.0	15.0	0.8
0.056	26.5	15.0	6.0	22.5	0.8
0.068	26.5	16.0	7.0	22.5	0.8
0.082	26.5	17.0	8.5	22.5	0.8
0.100	26.5	17.0	8.5	22.5	0.8

400Vac (1 000Vdc)					
C _N (μF)	W	H	T	P	d
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	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
0.0270	26.5	15.0	6.0	22.5	0.8
0.0330	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	22.55	0.8

500Vac (1 600Vdc)					
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	12.0	6.0	15.0	0.8
0.0082	17.5	12.0	6.0	15.0	0.8
0.0100	17.5	13.5	7.5	15.0	0.8
0.0120	17.5	13.5	7.5	15.0	0.8
0.0150	17.5	14.5	8.5	15.0	0.8
0.0180	17.5	16.0	10.0	15.0	0.8
0.0220	17.5	16.0	10.0	15.0	0.8
0.0180	26.5	15.0	6.0	22.5	0.8
0.0220	26.5	16.0	7.0	22.5	0.8
0.0270	26.5	16.0	7.0	22.5	0.8
0.0330	26.5	17.0	8.5	22.5	0.8
0.0390	26.5	18.5	10.0	22.5	0.8
0.0470	26.5	18.5	10.0	22.5	0.8
0.0560	26.5	22.0	12.0	22.5	0.8
0.0680	32.0	20.0	11.0	27.5	0.8
0.0820	32.0	20.0	11.0	27.5	0.8
0.1000	32.0	22.0	13.0	27.5	0.8

700Vac (2 000Vdc)					
C _N (μF)	W	H	T	P	d
0.00051	17.5	11.0	5.0	15.0	0.8
0.00068	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	12.0	6.0	15.0	0.8
0.00330	17.5	12.0	6.0	15.0	0.8
0.00390	17.5	13.5	7.5	15.0	0.8
0.00470	17.5	13.5	7.5	15.0	0.8
0.00560	17.5	14.5	8.5	15.0	0.8
0.00680	17.5	14.5	8.5	15.0	0.8
0.00820	17.5	16.0	10.0	15.0	0.8
0.01000	17.5	16.0	10.0	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	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
0.01800	32.0	18.0	9.0	27.5	0.8
0.02200	32.0	18.0	9.0	27.5	0.8
0.02700	32.0	18.0	9.0	27.5	0.8
0.03300	32.0	20.0	11.0	27.5	0.8
0.03900	32.0	20.0	11.0	27.5	0.8
0.04700	32.0	22.0	13.0	27.5	0.8
0.05600	32.0	22.0	13.0	27.5	0.8
0.06800	32.0	24.5	15.0	27.5	0.8
0.08200	32.0	28.0	14.0	27.5	0.8
0.10000	32.0	33.0	18.0	27.5	0.8
0.12000	32.0	33.0	18.0	27.5	0.8

900Vac (2 500Vdc)					
C _N (μF)	W	H	T	P	d
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	16.0	7.0	22.5	0.8
0.0082	26.5	16.0	7.0	22.5	0.8
0.0100	26.5	17.0	8.5	22.5	0.8
0.0120	26.5	18.5	10.0	22.5	0.8
0.0150	26.5	18.5	10.0	22.5	0.8
0.0180	26.5	22.0	12.0	22.5	0.8
0.0220	26.5	22.0	12.0	22.5	0.8

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