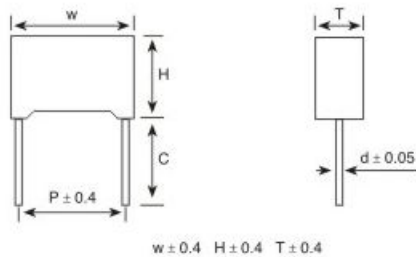


电容降压专用金属化聚酯膜交流电容器

Metallized polyester film A.C.capacitor for capacitive divider

■ 外形图 Outline Drawing



■ 特点

- 专门设计用于与电源串联的电容降压电路场合，如电表、LED模块等。
- 金属化聚酯膜内串式结构
- 自愈性能优异，能承受过电压冲击
- 长期负载下优异的电容容量稳定性
- 优异的防潮性能
- 优异的阻燃性能

■ Features

- This is specifically designed for applications in serial with the main, i.e.: capacitive divider, for example, energy meter, LED driver etc.
- Metallized polyester with series construction
- Good self-healing properties,withstanding overvoltage stressing
- Long stability of capacitance
- Good properties in damp environment
- Excellent active and passive flame resistant abilities

■ 技术要求 Specifications

引用标准 Reference Standard	GB/T 14472 (IEC 60384-14)	
气候类别 Climatic Category	55/105/56	
额定温度 Rated temperature	85℃	
工作温度范围 Operating Temperature Range	-55℃ ~ +105℃ (+85℃ to +105℃: decreasing factor 1.25% per °C for U _R)	
额定电压 Rated Voltage (U _R)	250/275Vac, 50/60Hz	300Vac, 50/60Hz
最大连续直流电压 Maximum continuous DC voltage	560Vdc	630Vdc
电容量范围 Capacitance Range	0.015μF ~ 10μF	
电容量偏差 Capacitance Tolerance	±5% (J) , ±10% (K) , ±20% (M)	
耐电压 Voltage Proof	4.3 U _R (Vdc) (2s)	
绝缘电阻 Insulation Resistance	R ≥ 30 000MΩ, C _N ≤ 0.33μF RC _N ≥ 10 000s, C _N > 0.33μF (20℃, 100V, 1min)	
损耗角正切 Dissipation Factor	≤ 100 × 10 ⁻⁴ (1kHz,20℃)	≤ 150 × 10 ⁻⁴ (10kHz,20℃)
注：长寿命要求和连续使用请用 275Vac 以上电压。 Note: For long life time and continuous working,please choose 275Vac and upwards voltage.		

■ 外形尺寸 Dimensions (mm)

275Vac [#]					
C _N (μF)	W	H	T	P	d
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	11.0	5.0	10.0	0.6
0.047	13.0	11.0	5.0	10.0	0.6
0.056	13.0	12.0	6.0	10.0	0.6
0.068	13.0	12.0	6.0	10.0	0.6
0.100	17.5	12.0	6.0	15.0	0.6
0.150	17.5	13.5	7.5	15.0	0.6
0.220	17.5	14.5	8.5	15.0	0.6
0.270	17.5	16.0	10.0	15.0	0.8
0.330	17.5	16.0	10.0	15.0	0.8
0.470	17.5	19.0	11.0	15.0	0.8
0.150	26.5	15.0	6.0	22.5	0.8
0.220	26.5	15.0	6.0	22.5	0.8
0.330	26.5	16.0	7.0	22.5	0.8
0.390	26.5	17.0	8.5	22.5	0.8
0.470	26.5	17.0	8.5	22.5	0.8
0.560	26.5	18.5	10.0	22.5	0.8
0.680	26.5	18.5	10.0	22.5	0.8
0.820	26.5	20.0	11.0	22.5	0.8
1.000	26.5	22.0	12.0	22.5	0.8
1.500	26.5	24.5	15.5	22.5	0.8
0.470	32.0	18.0	9.0	27.5	0.8
0.680	32.0	18.0	9.0	27.5	0.8
0.820	32.0	20.0	11.0	27.5	0.8
1.000	32.0	20.0	11.0	27.5	0.8
1.500	32.0	22.0	13.0	27.5	0.8
2.200	32.0	28.0	14.0	27.5	0.8
3.300	32.0	33.0	18.0	27.5	0.8
4.000	32.0	37.0	22.0	27.5	0.8
4.700	32.0	37.0	22.0	27.5	0.8
1.000	41.0	22.0	11.0	37.5	1.0
1.500	41.0	24.0	13.0	37.5	1.0
2.200	41.0	26.0	15.0	37.5	1.0
3.300	41.0	30.0	16.0	37.5	1.0
4.000	41.0	32.0	17.0	37.5	1.0
4.700	41.0	33.5	18.5	37.5	1.0
6.000	41.0	37.0	22.0	37.5	1.0
6.800	41.0	41.0	26.0	37.5	1.0
8.200	41.0	41.0	26.0	37.5	1.0
10.00	41.0	43.0	28.0	37.5	1.0
10.00	42.0	45.0	30.0	37.5	1.0

300Vac					
C _N (μF)	W	H	T	P	d
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	11.0	5.0	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
0.100	17.5	13.5	7.5	15.0	0.6
0.150	17.5	14.5	8.5	15.0	0.6
0.220	17.5	16.0	10.0	15.0	0.8
0.270	17.5	19.0	11.0	15.0	0.8
0.330	17.5	19.0	11.0	15.0	0.8
0.100	26.5	15.0	6.0	22.5	0.8
0.150	26.5	15.0	6.0	22.5	0.8
0.220	26.5	16.0	7.0	22.5	0.8
0.330	26.5	17.0	8.5	22.5	0.8
0.390	26.5	17.0	8.5	22.5	0.8
0.470	26.5	18.5	10.0	22.5	0.8
0.560	26.5	20.0	11.0	22.5	0.8
0.680	26.5	20.0	11.0	22.5	0.8
0.750	26.5	22.0	12.0	22.5	0.8
0.820	26.5	23.0	13.5	22.5	0.8
1.000	26.5	24.5	15.5	22.5	0.8
0.470	32.0	18.0	9.0	27.5	0.8
0.560	32.0	18.0	9.0	27.5	0.8
0.680	32.0	20.0	11.0	27.5	0.8
0.820	32.0	20.0	11.0	27.5	0.8
1.000	32.0	22.0	13.0	27.5	0.8
1.500	32.0	28.0	14.0	27.5	0.8
2.200	32.0	33.0	18.0	27.5	0.8
3.300	32.0	37.0	22.0	27.5	0.8
1.000	41.0	22.0	11.0	37.5	1.0
1.500	41.0	30.0	16.0	37.5	1.0
2.200	41.0	33.5	18.5	37.5	1.0
3.300	41.0	37.0	22.0	37.5	1.0
4.000	41.0	37.0	22.0	37.5	1.0
4.700	41.0	41.0	26.0	37.5	1.0
6.000	41.0	41.0	26.0	37.5	1.0
6.800	41.0	43.0	28.0	37.5	1.0
8.200	42.0	45.0	30.0	37.5	1.0
10.00	42.0	45.0	30.0	37.5	1.0

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