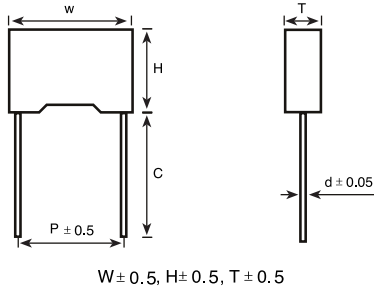
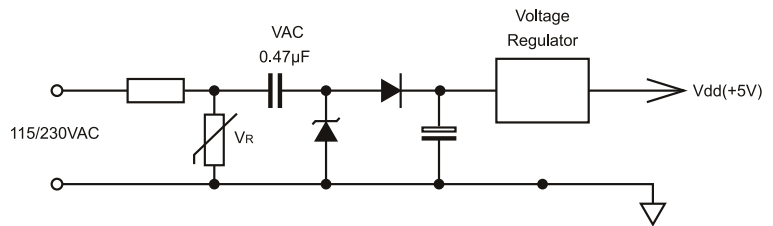


电容降压专用金属化聚丙烯膜交流电容器 Metallized polypropylene film A.C. capacitor for capacitive divider

■ 外形图 Outline Drawing



■ 典型应用电路 Typical circuit



■ 特点

- 专门设计用于与100~240Vac电源串联的电容降压电路场合，如电表、LED模块等。
- 金属化聚丙烯
- 自愈性能优异，能承受浪涌电压冲击
- 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 100~240Vac main, i.e.: capacitive divider, for example, energy meter, LED driver etc.
- Metallized polypropylene structure
- Good self-healing properties, withstanding surge voltage stressing
- Long stability of capacitance
- Good properties in damp environment
- Excellent active and passive flame resistant abilities

■ 安全认证 Safety Approvals

●		CQC (中国)	IEC60384-14:2013, 250/275/305/310VAC, 0.0010µF~10.0µF 证书号(Certificate No.): CQC16001146957
●		ENEC-VDE (欧盟)	EN 60384-14:2013(VDE 0565-1-1:2014), 250/275/305/310VAC, 0.0010µF~10.0µF 证书号(Certificate No.): 40044173
●		UL/CUL (美国/加拿大)	UL 60384-14:2015, 250/275/305/310VAC, 0.0010µF~10.0µF 证书号(Certificate No.): E484578 UL 60384-14:2015, 250/275/305/310VAC, 0.0010µF~10.0µF 证书号(Certificate No.): E484578
●	CB TEST CERTIFICATE		IEC60384-14:2013, 250/275/305/310VAC, 0.0010µF~10.0µF 40/110/56/B 证书号(Certificate No.): DE1-57127

■ 技术要求 Specifications

引用标准 Reference Standard	GB/T 14472 (IEC60384-14)		
安全认证 Safety Approvals	CQC	ENEC-VDE	UL-CUL
电容器类别 Class	X2类		
气候类别 Climatic Category	40/110/56/B		
工作温度范围 Operating Temperature Range	-40℃ ~ +110℃		
额定电压 Rated Voltage	250/275/305/310VAC, 50/60Hz		
电容量范围 Capacitance Range	0.001µF~10.0µF (可按要求制作其它电容量)(available on request)		
电容量偏差 Capacitance Tolerance	± 10%(K)、± 20%(M) (Other tolerance available on request)		
耐电压 Voltage Proof	引线之间 Between Terminals:	1 800 (Vdc) (2s) C _R ≤ 1.0µF	
	极壳之间 Between Terminals To Case:	2 050 (Vac) (60s)	
承受的脉冲电压 Endure impulse voltage	2 000V		
绝缘电阻 Insulation Resistance	≥ 15 000MΩ, C _R ≤ 0.33µF		
	≥ 5 000s, C _R > 0.33µF (20℃, 100V, 1min)		
损耗角正切 Dissipation Factor	≤ 10 × 10 ⁻⁴ (1kHz, 20℃) 典型值 Typical value 3 × 10 ⁻⁴		
	≤ 20 × 10 ⁻⁴ (10kHz, 20℃) 典型值 Typical value 8 × 10 ⁻⁴		

Metallized Polypropylene Film A.C. Capacitor For Capacitive Divider

尺寸 Dimensions(mm)

Rated Cap.μF	310VAC					Rated Cap.μF	310VAC					Rated Cap.μF	310VAC				
	W	H	T	P	d		W	H	T	P	d		W	H	T	P	d
	max	max	max	±1.0	±0.05		max	max	max	±1.0	±0.05		max	max	max	±1.0	±0.05
0.001	10	9	4	7.5	0.6	0.01	18	11	5	15	0.8	0.47	31	18	9	27.5	0.8
0.001	10	9	4	7.5	0.6	0.01	18	11	5	15	0.8	0.68	31	19	11	27.5	0.8
0.0022	10	9	4	7.5	0.6	0.022	18	11	5	15	0.8	0.82	31	19	11	27.5	0.8
0.0022	10	9	4	7.5	0.6	0.022	18	11	5	15	0.8	1	31	19	11	27.5	0.8
0.0033	10	9	4	7.5	0.6	0.033	18	11	5	15	0.8	1.2	31	22	13	27.5	0.8
0.0033	10	9	4	7.5	0.6	0.033	18	11	5	15	0.8	1.5	31	22	13	27.5	0.8
0.0047	10	9	4	7.5	0.6	0.047	18	11	5	15	0.8	1.8	31	24.5	14	27.5	0.8
0.0047	10	9	4	7.5	0.6	0.068	18	11	5	15	0.8	2	31	28	14	27.5	0.8
0.0068	10	9	4	7.5	0.6	0.082	18	11	5	15	0.8	2.2	31	28	14	27.5	0.8
0.0082	10	9	4	7.5	0.6	0.1	18	11	5	15	0.8	2.5	31	28	17	27.5	0.8
0.01	10	9	4	7.5	0.6	0.1	18	12	6	15	0.8	2.7	31	33	18	27.5	0.8
0.022	10	9	4	7.5	0.6	0.15	18	12	6	15	0.8	3	31	33	18	27.5	0.8
0.033	10	11	5	7.5	0.6	0.18	18	13	7	15	0.8	3.3	31	33	18	27.5	0.8
0.047	10	12	6	7.5	0.6	0.22	18	14.5	8.5	15	0.8	4.7	31	37	22	27.5	0.8
0.068	10	13.5	8.5	7.5	0.6	0.27	18	14.5	8.5	15	0.8	1.5	41	26	14.5	37.5	1.0
0.1	10	13.5	8.5	7.5	0.6	0.33	18	14.5	8.5	15	0.8	1.8	41	26	14.5	37.5	1.0
0.0022	13	9	4	10	0.6	0.39	18	16	10	15	0.8	2	41	26	14.5	37.5	1.0
0.0022	13	9	4	10	0.6	0.47	18	16	10	15	0.8	2.2	41.5	26	14.5	37.5	1.0
0.0047	13	9	4	10	0.6	0.47	18	18	9	15	0.8	2.5	41.5	26	14.5	37.5	1.0
0.0047	13	9	4	10	0.6	0.56	18	18	10	15	0.8	2.7	41.5	26	14.5	37.5	1.0
0.0068	13	9	4	10	0.6	0.68	18	19	11	15	0.8	3	41.5	30	17	37.5	1.0
0.0068	13	9	4	10	0.6	0.68	18	21	12	15	0.8	3.3	41.5	30	17	37.5	1.0
0.0082	13	9	4	10	0.6	0.15	26.5	15	6	22.5	0.8	3.9	41.5	30	17	37.5	1.0
0.0082	13	9	4	10	0.6	0.18	26.5	15	6	22.5	0.8	4.7	41.5	35	19	37.5	1.0
0.01	13	9	4	10	0.6	0.22	26.5	15	6	22.5	0.8	5.6	41.5	35.5	22.5	37.5	1.0
0.01	13	9	4	10	0.6	0.27	26.5	15	6	22.5	0.8	6.8	41.5	35.5	22.5	37.5	1.0
0.022	13	9	4	10	0.6	0.33	26.5	16.5	7	22.5	0.8	8.2	41.5	41	27.5	37.5	1.0
0.033	13	9	4	10	0.6	0.39	26.5	16.5	7	22.5	0.8	10	41.5	41	27.5	37.5	1.0
0.047	13	11	5	10	0.6	0.47	26.5	17	8.5	22.5	0.8						
0.056	13	11	5	10	0.6	0.56	26.5	19	10	22.5	0.8						
0.068	13	12	6	10	0.6	0.68	26.5	19	10	22.5	0.8						
0.082	13	12	6	10	0.6	0.82	26.5	19	10	22.5	0.8						
0.1	13	12	6	10	0.6	1	26.5	20	11	22.5	0.8						
0.15	13	14	8	10	0.6	1.2	26.5	22	12	22.5	0.8						
0.18	13	16	8	10	0.6	1.5	26.5	23	13	22.5	0.8						
0.22	13	16	8	10	0.6	1.8	26.5	24	14	22.5	0.8						
						2	26.5	25	15	22.5	0.8						
						2.2	26.5	25	15	22.5	0.8						

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