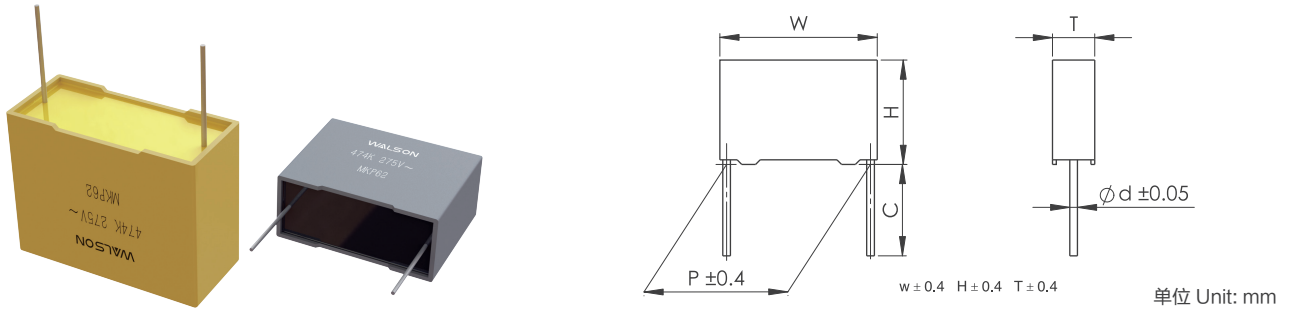


# MKP62 塑料外壳聚丙烯膜交流电容器

Metallized Polypropylene Film AC Capacitor (Box-type)

## 外形图 Outline Drawing



## 特点 Features

- 金属化聚丙烯膜结构
- 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
- Metallized polypropylene
- Good self-healing properties, withstanding overvoltage stressing
- Long stability of capacitance
- Good properties in damp environment
- Excellent active and passive flame resistant abilities

## 主要用途 Typical Applications

- 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
- This is specifically designed for applications in serial with the main, i.e.: capacitive divider, for example, energy meter, LED driver etc

## 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℃		
工作温度范围 Operating Temperature Range	-40℃~105℃		
额定电压 Rated Voltage	230Vac, 50/60Hz	250Vac, 50/60Hz	300/275 Vac, 50/60Hz
最大连续直流电压 Maximum continuous DC voltage	400Vdc	560Vdc	630Vdc
电容量范围 Capacitance Range	0.033 μF ~ 4.7 μF	0.010 μF ~ 4.0 μF	0.010 μF ~ 2.2 μF
电容量偏差 Capacitance Tolerance	±5% ( J ) , ±10% ( K ) , ±20% ( M )		
耐电压 ( 引线之间 ) Voltage Proof	640Vdc ( 2S )	900Vdc ( 2S )	1500Vdc ( 2S )
损耗角正切 Dissipation Factor	≤ 10 × 10 <sup>-4</sup> ( 1kHz, 20℃ )		≤ 20 × 10 <sup>-4</sup> ( 10kHz, 20℃ )
绝缘电阻 Insulation Resistance	R ≥ 15000MΩ, C <sub>N</sub> ≤ 0.33 μF RC <sub>N</sub> ≥ 5000s, C <sub>N</sub> > 0.33 μF ( 20℃, 100V, 1min )		

备注 Notes:

引出类型将根据用户要求，及过电流能力专项定制。

The type of extraction will be customized according to the user's requirements, and the ability of over current.

■ 外形尺寸 Dimensions (mm)

230Vac					
C <sub>N</sub> (μF)	W	H	T	P	d
0.033	10.5	11.0	5.0	7.5	0.6
0.047	10.5	12.0	6.0	7.5	0.6
0.033	13.0	9.0	4.0	10.0	0.6
0.047	13.0	11.0	5.0	10.0	0.6
0.068	13.0	12.0	6.0	10.0	0.6
0.10	13.0	12.0	6.0	10.0	0.6
0.10	17.5	11.0	5.0	15.0	0.6
0.15	17.5	12.0	6.0	15.0	0.6
0.22	17.5	13.5	7.5	15.0	0.6
0.33	17.5	14.5	8.5	15.0	0.6
0.47	17.5	16.0	10.0	15.0	0.8
0.33	26.5	15.0	6.0	22.5	0.8
0.47	26.5	16.0	7.0	22.5	0.8
0.56	26.5	17.0	8.5	22.5	0.8
0.68	26.5	17.0	8.5	22.5	0.8
0.82	26.5	18.5	10.0	22.5	0.8
1.0	26.5	20.0	11.0	22.5	0.8
1.2	26.5	20.0	11.0	22.5	0.8
1.5	26.5	22.0	12.0	22.5	0.8
0.47	32.0	18.0	9.0	27.5	0.8
0.56	32.0	18.0	9.0	27.5	0.8
0.68	32.0	18.0	9.0	27.5	0.8
1.0	32.0	18.0	9.0	27.5	0.8
1.2	32.0	20.0	11.0	27.5	0.8
1.5	32.0	20.0	11.0	27.5	0.8
2.0	32.0	22.0	13.0	27.5	0.8
2.2	32.0	24.5	15.0	27.5	0.8
3.0	32.0	33.0	18.0	27.5	0.8
3.3	32.0	33.0	18.0	27.5	0.8
4.0	32.0	33.0	18.0	27.5	0.8
4.7	32.0	37.0	22.0	27.5	0.8

250Vac					
C <sub>N</sub> (μF)	W	H	T	P	d
0.010	13.0	9.0	4.0	10.0	0.6
0.015	13.0	9.0	4.0	10.0	0.6
0.022	13.0	9.0	4.0	10.0	0.6
0.033	13.0	11.0	5.0	10.0	0.6
0.047	13.0	11.0	5.0	10.0	0.6
0.068	13.0	12.0	6.0	10.0	0.6
0.068	17.5	11.0	5.0	15.0	0.6
0.10	17.5	12.0	6.0	15.0	0.6
0.15	17.5	13.5	7.5	15.0	0.6
0.22	17.5	14.5	8.5	15.0	0.6
0.33	17.5	16.0	10.0	15.0	0.8
0.22	26.5	15.0	6.0	22.5	0.8
0.33	26.5	16.0	7.0	22.5	0.8
0.39	26.5	17.0	8.5	22.5	0.8
0.47	26.5	17.0	8.5	22.5	0.8
0.56	26.5	18.5	10.0	22.5	0.8
0.68	26.5	18.5	10.0	22.5	0.8
0.82	26.5	20.0	11.0	22.5	0.8
1.0	26.5	22.0	12.0	22.5	0.8
1.2	26.5	24.5	15.5	22.5	0.8
1.5	26.5	24.5	15.5	22.5	0.8
0.47	32.0	18.0	9.0	27.5	0.8
0.56	32.0	18.0	9.0	27.5	0.8
0.68	32.0	18.0	9.0	27.5	0.8
1.0	32.0	18.0	9.0	27.5	0.8
1.2	32.0	22.0	13.0	27.5	0.8
1.5	32.0	25.0	13.0	27.5	0.8
2.0	32.0	33.0	18.0	27.5	0.8
2.2	32.0	33.0	18.0	27.5	0.8
3.0	32.0	33.0	18.0	27.5	0.8
3.3	32.0	33.0	18.0	27.5	0.8
4.0	32.0	37.0	22.0	27.5	0.8

300Vac/275Vac					
C <sub>N</sub> (μF)	W	H	T	P	d
0.010	13.0	9.0	4.0	10.0	0.6
0.015	13.0	11.0	5.0	10.0	0.6
0.022	13.0	12.0	6.0	10.0	0.6
0.033	13.0	12.0	6.0	10.0	0.6
0.010	17.5	11.0	5.0	15.0	0.6
0.015	17.5	11.0	5.0	15.0	0.6
0.022	17.5	11.0	5.0	15.0	0.6
0.033	17.5	11.0	5.0	15.0	0.6
0.047	17.5	12.0	6.0	15.0	0.6
0.068	17.5	13.5	7.5	15.0	0.6
0.10	17.5	14.5	8.5	15.0	0.6
0.15	17.5	16.0	10.0	15.0	0.8
0.22	17.5	19.0	11.0	15.0	0.8
0.068	26.5	15.0	6.0	22.5	0.8
0.10	26.5	15.0	6.0	22.5	0.8
0.15	26.5	16.0	7.0	22.5	0.8
0.22	26.5	17.0	8.5	22.5	0.8
0.33	26.5	18.5	10.0	22.5	0.8
0.39	26.5	20.0	11.0	22.5	0.8
0.47	26.5	22.0	12.0	22.5	0.8
0.22	32.0	18.0	9.0	27.5	0.8
0.33	32.0	18.0	9.0	27.5	0.8
0.47	32.0	20.0	11.0	27.5	0.8
0.56	32.0	22.0	13.0	27.5	0.8
0.68	32.0	22.0	13.0	27.5	0.8
1.0	32.0	28.0	14.0	27.5	0.8
1.5	32.0	33.0	18.0	27.5	0.8
2.2	32.0	37.0	22.0	27.5	0.8