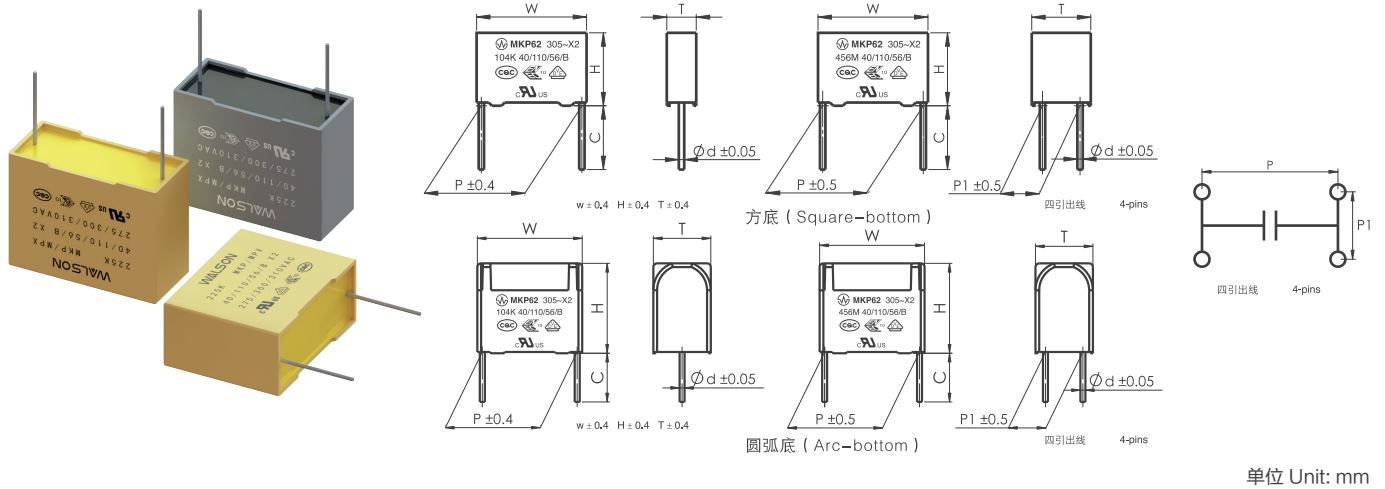


MKP X2 金属化聚丙烯膜抗干扰电容器 (X2类)

Metallized polypropylene film interference Suppression capacitor (ClassX2)

外形图 Outline Drawing



特点 Features

- 金属化聚丙烯
- 能承受过压冲击
- 优异的阻燃性能
- 用于电源跨线路等抗干扰场合
- Metallized polypropylene structure
- Withstanding overvoltage stressing
- Excellent active and passive flame resistant abilities
- Used in across the line interference suppression circuit

技术要求 Specifications

气候类别 Climatic Category	40/110/56/B		
阻燃等级 Passive Flammability category	40/110/56/B		
工作温度范围 Operating Temperature Range	-40°C ~ +110°C		
额定电压 Rated Voltage	250Vac~310Vac, 50/60Hz		
电容量范围 Capacitance Range	0.0010 μF ~ 25.0 μF		
电容量偏差 Capacitance Tolerance	± 10% (K), ± 20% (M)		
耐压电压 Voltage Proof	引线之间 Between Terminals:	4.3U _R (Vdc), 2s	
	极壳之间 Between Terminals To Case:	2120Vac, 1min	
绝缘电阻 Insulation Resistance	R ≥ 15000MΩ, C _N ≤ 0.33 μF RC _N ≥ 5000s, C _N > 0.33 μF (20°C, 100V, 1min)		
损耗角正切 Dissipation Factor	0.0010 μF ≤ C _N < 0.010 μF	≤ 20 × 10 ⁻⁴ (1kHz, 20°C)	≤ 20 × 10 ⁻⁴ (10kHz, 20°C)
	0.010 μF ≤ C _N < 0.47 μF	≤ 10 × 10 ⁻⁴ (1kHz, 20°C)	≤ 20 × 10 ⁻⁴ (10kHz, 20°C)
	0.47 μF ≤ C _N < 1.0 μF	≤ 20 × 10 ⁻⁴ (1kHz, 20°C)	≤ 40 × 10 ⁻⁴ (10kHz, 20°C)
	1.0 μF ≤ C _N < 10.0 μF	≤ 30 × 10 ⁻⁴ (1kHz, 20°C)	-----
	10.0 μF ≤ C _N < 50.0 μF	≤ 40 × 10 ⁻⁴ (1kHz, 20°C)	-----

注：1、推荐用于电网额定电压不超过250VAC场合；
2、如果需要用到承载一定纹波电流场合，建议选用C 6A等专用的滤波电容器；如有疑问，请与我司技术工程师联系；
3、若用于户外或长期湿度较大场合，建议选用防潮设计。

Recommend end for maximum rated supply mains voltage 250Vac application;
If used in application which has ripple current applied, recommend end to use AC filter series: C 6A etc;
If have any questions please contact our technical engineer for more detail;
For outdoor or severe humidity condition application, recommend end to use TH B series.

■ 外形尺寸 Dimensions (mm)

250/275/280/300/310Vac					
C _N (μF)	W	H	T	P	d
0.022	10.5	9.0	4.0	7.5	0.6
0.027	10.5	11.0	5.0	7.5	0.6
0.033	10.5	11.0	5.0	7.5	0.6
0.039	10.5	12.0	6.0	7.5	0.6
0.047	10.5	12.0	6.0	7.5	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	11.0	5.0	10.0	0.6
0.068	13.0	12.0	6.0	10.0	0.6
0.082	13.0	12.0	6.0	10.0	0.6
0.10	13.0	12.0	6.0	10.0	0.6
0.12	13.0	14.0	8.0	10.0	0.6
0.15	13.0	14.0	8.0	10.0	0.6
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	11.0	5.0	15.0	0.8
0.027	17.5	11.0	5.0	15.0	0.8
0.033	17.5	11.0	5.0	15.0	0.8
0.039	17.5	11.0	5.0	15.0	0.8
0.047	17.5	11.0	5.0	15.0	0.8
0.056	17.5	11.0	5.0	15.0	0.8
0.068	17.5	11.0	5.0	15.0	0.8
0.082	17.5	11.0	5.0	15.0	0.8
0.10	17.5	11.0	5.0	15.0	0.8
0.12	17.5	12.0	6.0	15.0	0.8
0.15	17.5	12.0	6.0	15.0	0.8
0.18	17.5	13.5	7.5	15.0	0.8
0.22	17.5	13.5	7.5	15.0	0.8
0.27	17.5	14.5	8.5	15.0	0.8
0.33	17.5	16.0	10.0	15.0	0.8
0.39	17.5	19.0	11.0	15.0	0.8
0.47	17.5	19.0	11.0	15.0	0.8

250/275/280/300/310Vac					
C _N (μF)	W	H	T	P	d
0.22	26.5	15.0	6.0	22.5	0.8
0.27	26.5	16.0	7.0	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	22.0	12.0	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
0.82	32.0	20.0	11.0	27.5	0.8
1.0	32.0	20.0	11.0	27.5	0.8
1.2	32.0	22.0	13.0	27.5	0.8
1.5	32.0	22.0	13.0	27.5	0.8
1.8	32.0	24.5	15.0	27.5	0.8
2.2	32.0	28.0	14.0	27.5	0.8
2.7	32.0	33.0	18.0	27.5	0.8
3.3	32.0	33.0	22.0	27.5	0.8
3.9	32.0	37.0	22.0	27.5	0.8
4.7	32.0	37.0	11.0	27.5	0.8
1.5	41.0	22.0	11.0	37.5	1.0
1.8	41.0	26.0	12.0	37.5	1.0
2.2M	41.0	26.0	12.0	37.5	1.0
2.2K	42.0	28.0	14.0	37.5	1.0
2.7	42.0	28.0	14.0	37.5	1.0
3.3	41.0	30.0	16.0	37.5	1.0
3.9	41.0	32.0	17.0	37.5	1.0
4.7	41.0	33.5	18.5	37.5	1.0
5.6	41.0	37.0	22.0	37.5	1.0
6.8	41.0	37.0	22.0	37.5	1.0
8.2	41.0	41.0	26.0	37.5	1.0
10.0	41.0	43.0	28.0	37.5	1.0

注：上表中未包含的产品规格可根据用户要求进行设计和制造

Note: Product specifications not included in this table can be designed and manufactured according to user requirements