

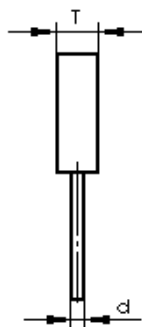
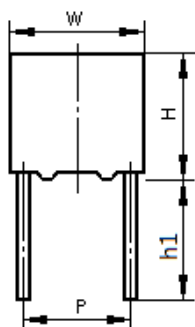


MKP61

MKP61 series

MKP61 抑制电源电磁干扰薄膜电容 (X2 类, 275Vac/305Vac/310Vac/350Vac) Metallized Polypropylene Film Interference Suppression Capacitor (Class X2)

◆ 外形尺寸图及产品结构 Outline Drawing and Capacitor Construction



$W \pm 0.4, H \pm 0.4, T \pm 0.4, P \pm 0.4$

◆ 特点及用途 Application and Feature

具有耐压高、绝缘电阻高、频率响应快等特点；塑料外壳，阻燃环氧树脂（UL94 V-0）灌封。广泛用于电源跨线电路等抗干扰场合。

High voltage, High insulation resistance, Good frequency response; Plastic case, Epoxy resin sealing (UL94 V-0). Widely used in across-the-line, interference suppression circuit, ect.

◆ 技术要求 Specifications

参照标准 Reference Standard	GB/T6346.14、IEC 60384-14		
气候类别/阻燃等级 Climatic category/Passive Flammability Class	40/110/56/B		
工作温度范围 Operation Temperature Range	-40°C~+110°C		
额定电压 Rated Voltage	275Vac/305Vac/310Vac, 350Vac (50/60Hz)		
最大连续电压 Maximum Continuous Voltage	630Vdc		
电容量范围 Capacitance Range	0.001μF~45.0μF		
电容量偏差 Capacitance Tolerance	±10%(K)、±20%(M)(20°C, 1kHz)		
耐电压 Voltage Proof	引线之间 Between Terminals	4.3U _R (dc), 2s	
	极壳之间 Between Terminals to case	2120Vac (1min)	
绝缘电阻 Insulation Resistance	C _R ≤ 0.33μF, IR ≥ 15 000 MΩ C _R > 0.33μF, IR × C ≥ 5 000s (20°C, 100V, 1min)		
损耗角正切 Dissipation Factor	0.001μF ≤ C _R ≤ 0.01μF	≤ 0.0020 (1kHz, 20°C)	≤ 0.0020 (10kHz, 20°C)
	0.01μF < C _R ≤ 0.47μF	≤ 0.0010 (1kHz, 20°C)	≤ 0.0020 (10kHz, 20°C)
	0.47μF ≤ C _R ≤ 1.0μF	≤ 0.0020 (1kHz, 20°C)	≤ 0.0040 (10kHz, 20°C)
	1.0μF ≤ C _R ≤ 10.0μF	≤ 0.0030 (1kHz, 20°C)	
	10.0μF < C _R ≤ 50.0μF	≤ 0.0040 (1kHz, 20°C)	

◆ 安全认证 Safety Approvals

	CQC (中国)	GBT 6346.14, X2, 275Vac/305Vac, 0.001μF~45μF, 40/110/56/B Certificate No.: CQC03001007919 IEC 60384-14, X2, 310Vac/630Vdc/560Vdc, 0.001μF~25μF, 40/110/56/B Certificate No.: CQC19001229855 IEC 60384-14, X2, 350Vac, 0.01μF~20μF, 40/110/56/B Certificate No.: CQC19001217875
	ENEC (欧盟)	IEC 60384-14, X2, 275Vac/305Vac, 0.001μF~45μF, 40/110/56/B Certificate No.: 40032626 IEC 60384-14, X2, 310Vac/630Vdc/560Vdc, 0.001μF~25μF, 40/110/56/B Certificate No.: HN 69262302 IEC 60384-14, X2, 350Vac, 0.01μF~20μF, 40/110/56/B Certificate No.: HN 69262166
	UL-CUL (美国/加拿大)	UL60384-14, CSA E60384-1, CSA E60384-14 X2, 275Vac/305Vac/310Vac/350Vac, 0.0010μF~45μF, 40/110/56/B Certificate No.: E217215
	KTL (韩国)	K60384-1, K60384-14, X2, 305Vac, 0.0010μF~45μF, 40/110/56/B Certificate No.: SU03046-10001A/10002A/13001/13002/13003

◆ 产品尺寸: Product Dimension:

275Vac▲/305Vac▲/310Vac															
C (μF)	W	H	T	P	d	产品代码 Part number	MOQ	C (μF)	W	H	T	P	d	产品代码 Part number	MOQ
0.001	10.5	9.0	4.0	7.5	0.6	MK61102-P330****	1000	0.039	13.0	9.0	4.0	10.0	0.6	MK61393-P340****	500
0.0012	10.5	9.0	4.0	7.5	0.6	MK61122-P330****	1000	0.047	13.0	11.0	5.0	10.0	0.6	MK61473-P340****	500
0.0015	10.5	9.0	4.0	7.5	0.6	MK61152-P330****	1000	0.056	13.0	11.0	5.0	10.0	0.6	MK61563-P340****	500
0.0018	10.5	9.0	4.0	7.5	0.6	MK61182-P330****	1000	0.068	13.0	11.0	5.0	10.0	0.6	MK61683-P340****	500
0.0022	10.5	9.0	4.0	7.5	0.6	MK61222-P330****	1000	0.082	13.0	12.0	6.0	10.0	0.6	MK61823-P340****	500
0.0027	10.5	9.0	4.0	7.5	0.6	MK61272-P330****	1000	0.1	13.0	12.0	6.0	10.0	0.6	MK61104-P340****	500
0.0033	10.5	9.0	4.0	7.5	0.6	MK61332-P330****	1000	0.12	13.0	13.0	7.0	10.0	0.6	MK61124-P340****	500
0.0039	10.5	9.0	4.0	7.5	0.6	MK61392-P330****	1000	0.15	13.0	13.0	7.0	10.0	0.6	MK61154-P340****	500
0.0047	10.5	9.0	4.0	7.5	0.6	MK61472-P330****	1000	0.01	18.0	11.0	5.0	15.0	0.6	MK61103-P360****	500
0.0056	10.5	9.0	4.0	7.5	0.6	MK61562-P330****	1000	0.012	18.0	11.0	5.0	15.0	0.6	MK61123-P360****	500
0.0068	10.5	9.0	4.0	7.5	0.6	MK61682-P330****	1000	0.015	18.0	11.0	5.0	15.0	0.6	MK61153-P360****	500
0.0082	10.5	9.0	4.0	7.5	0.6	MK61822-P330****	1000	0.018	18.0	11.0	5.0	15.0	0.6	MK61183-P360****	500
0.01	10.5	9.0	4.0	7.5	0.6	MK61103-P330****	1000	0.022	18.0	11.0	5.0	15.0	0.6	MK61223-P360****	500
0.012	10.5	9.0	4.0	7.5	0.6	MK61123-P330****	1000	0.027	18.0	11.0	5.0	15.0	0.6	MK61273-P360****	500
0.015	10.5	9.0	4.0	7.5	0.6	MK61153-P330****	1000	0.033	18.0	11.0	5.0	15.0	0.6	MK61333-P360****	500
0.018	10.5	9.0	4.0	7.5	0.6	MK61183-P330****	1000	0.039	18.0	11.0	5.0	15.0	0.6	MK61393-P360****	500
0.022	10.5	9.0	4.0	7.5	0.6	MK61223-P330****	1000	0.047	18.0	11.0	5.0	15.0	0.6	MK61473-P360****	500
0.027	10.5	11.0	5.0	7.5	0.6	MK61273-P330****	1000	0.056	18.0	11.0	5.0	15.0	0.6	MK61563-P360****	500
0.033	10.5	11.0	5.0	7.5	0.6	MK61333-P330****	1000	0.068	18.0	11.0	5.0	15.0	0.6	MK61683-P360****	500
0.039	10.5	11.0	5.0	7.5	0.6	MK61393-P330****	1000	0.082	18.0	11.0	5.0	15.0	0.6	MK61823-P360****	500
0.047	10.5	12.0	6.0	7.5	0.6	MK61473-P330****	1000	0.1	18.0	11.0	5.0	15.0	0.6	MK61104-P360****	500
0.0047	13.0	9.0	4.0	10.0	0.6	MK61472-P340****	500	0.12	18.0	11.0	5.0	15.0	0.6	MK61124-P360****	500
0.0056	13.0	9.0	4.0	10.0	0.6	MK61562-P340****	500	0.15	18.0	12.0	6.0	15.0	0.8	MK61154-P360****	500
0.0068	13.0	9.0	4.0	10.0	0.6	MK61682-P340****	500	0.18	18.0	12.0	6.0	15.0	0.8	MK61184-P360****	500
0.0082	13.0	9.0	4.0	10.0	0.6	MK61822-P340****	500	0.22	18.0	13.5	6.0	15.0	0.8	MK61224-P360****	500
0.01	13.0	9.0	4.0	10.0	0.6	MK61103-P340****	500	0.27	18.0	13.5	7.5	15.0	0.8	MK61274-P360****	500
0.012	13.0	9.0	4.0	10.0	0.6	MK61123-P340****	500	0.33	18.0	14.5	8.5	15.0	0.8	MK61334-P361****	500
0.015	13.0	9.0	4.0	10.0	0.6	MK61153-P340****	500	0.39	18.0	14.5	8.5	15.0	0.8	MK61394-P360****	500
0.018	13.0	9.0	4.0	10.0	0.6	MK61183-P340****	500	0.47	18.0	16.0	10.0	15.0	0.8	MK61474-P360****	500
0.022	13.0	9.0	4.0	10.0	0.6	MK61223-P340****	500	0.56	18.0	19.0	11.0	15.0	0.8	MK61564-P360****	500
0.027	13.0	9.0	4.0	10.0	0.6	MK61273-P340****	500	0.68	18.0	19.0	11.0	15.0	0.8	MK61684-P360****	500
0.033	13.0	9.0	4.0	10.0	0.6	MK61333-P340****	500	0.82	18.0	21.0	12.0	15.0	0.8	MK61824-P360****	500

备注:

“-”: 客户要求的容量偏差

“****”: 引线加工和包装代码 (见 15 页表 4)

“▲”: 当额定电压为 275Vac 时, 第 9~10 位为 N3

“▲”: 当额定电压为 305Vac 时, 第 9~10 位为 P2

MOQ: 最小订单量

“-”=custom's capacitor tolerance code, K=±10%, M=±20%

“****”= Lead form and packing code (refer to table 4 in page 15)

“▲”=when the rated voltage is 275Vac, the digit 9~10 is N3

“▲”=when the rated voltage is 305Vac, the digit 9~10 is P2

MOQ = Minimum order quantity



MKP61

MKP61 series

◆产品尺寸: Product Dimension:

275Vac▲/305Vac▲/310Vac															
C (μF)	W	H	T	P	d	产品代码 Part number	MOQ	C (μF)	W	H	T	P	d	产品代码 Part number	MOQ
0.15	26.5	15.0	6.0	22.5	0.8	MK61154-P390****	500	2.7	32.0	24.5	15.0	27.5	0.8	MK61275-P3B0****	100
0.22	26.5	15.0	6.0	22.5	0.8	MK61224-P390****	500	3.3	32.0	28.0	17.0	27.5	0.8	MK61335-P3B0****	50
0.27	26.5	15.0	6.0	22.5	0.8	MK61274-P390****	500	3.9	32.0	33.0	18.0	27.5	0.8	MK61395-P3B0****	50
0.33	26.5	15.0	6.0	22.5	0.8	MK61334-P390****	500	4.7	32.0	37.0	22.0	27.5	0.8	MK61475-P3B0****	50
0.39	26.5	15.0	6.0	22.5	0.8	MK61394-P390****	500	1.5	42.0	22.0	11.0	37.5	1.0	MK61155-P3E0****	50
0.47	26.5	16.0	7.0	22.5	0.8	MK61474-P390****	500	1.8	42.0	22.0	11.0	37.5	1.0	MK61185-P3E0****	50
0.56	26.5	16.0	7.0	22.5	0.8	MK61564-P390****	500	2.2	42.0	24.0	13.0	37.5	1.0	MK61225-P3E0****	50
0.68	26.5	17.0	8.5	22.5	0.8	MK61684-P390****	500	2.7	42.0	24.0	13.0	37.5	1.0	MK61275-P3E0****	50
0.82	26.5	18.5	10.0	22.5	0.8	MK61824-P390****	200	3.3	42.0	28.0	14.0	37.5	1.0	MK61335-P3E0****	50
1.0	26.5	18.5	10.0	22.5	0.8	MK61105-P390****	200	3.9	42.0	30.0	16.0	37.5	1.0	MK61395-P3E0****	50
1.2	26.5	20.0	11.0	22.5	0.8	MK61125-P390****	200	4.7	42.0	30.0	16.0	37.5	1.0	MK61475-P3E0****	50
1.5	26.5	22.0	12.0	22.5	0.8	MK61155-P390****	200	5.6	42.0	33.5	18.5	37.5	1.0	MK61565-P3E0****	50
1.8	26.5	24.5	15.5	22.5	0.8	MK61185-P390****	200	6.8	42.0	33.5	18.5	37.5	1.0	MK61685-P3E0****	50
2.2	26.5	24.5	15.5	22.5	0.8	MK61225-P390****	200	8.2	42.0	37.0	22.0	37.5	1.0	MK61825-P3E0****	50
0.33	32.0	18.0	9.0	27.5	0.8	MK61334-P3B0****	200	10	42.0	41.0	26.0	37.5	1.0	MK61106-P3E0****	20
0.39	32.0	18.0	9.0	27.5	0.8	MK61394-P3B0****	200	12	42.0	43.0	28.0	37.5	1.0	MK61126-P3E0****	20
0.47	32.0	18.0	9.0	27.5	0.8	MK61474-P3B0****	200	15	42.0	45.0	30.0	37.5	1.0	MK61156-P3E0****	20
0.56	32.0	18.0	9.0	27.5	0.8	MK61564-P3B0****	200	20	42.0	57.0	30.0	37.5	1.0	MK61206-P3E0****	20
0.68	32.0	18.0	9.0	27.5	0.8	MK61684-P3B0****	200	20	57.0	45.0	30.0	52.5	1.2	MK61206-P3G0****	20
0.82	32.0	18.0	9.0	27.5	0.8	MK61824-P3B0****	200	25	57.0	50.0	35.0	52.5	1.2	MK61256-P3G0****	20
1.0	32.0	18.0	9.0	27.5	0.8	MK61105-P3B0****	200	30	57.0	50.0	40.0	52.5	1.2	MK61306-P3G0****	20
1.2	32.0	20.0	11.0	27.5	0.8	MK61125-P3B0****	100	35	57.0	55.0	40.0	52.5	1.2	MK61356-P3G0****	20
1.5	32.0	20.0	11.0	27.5	0.8	MK61155-P3B0****	100	40	57.0	60.0	45.0	52.5	1.2	MK61406-P3G0****	20
1.8	32.0	22.0	13.0	27.5	0.8	MK61185-P3B0****	100	45	57.0	65.0	45.0	52.5	1.2	MK61456-P3G0****	20
2.2	32.0	25.0	13.0	27.5	0.8	MK61225-P3B0****	100								

备注:

“-”: 客户要求的容量偏差

“****”: 引线加工和包装代码 (见 15 页表 4)

“▲”: 当额定电压为 275Vac 时, 第 9~10 位为 N3

“▲”: 当额定电压为 305Vac 时, 第 9~10 位为 P2

MOQ: 最小订单量

“-”=custom's capacitor tolerance code, K=±10%, M=±20%

“****”= Lead form and packing code (refer to table 4 in page 15)

“▲”=when the rated voltage is 275Vac, the digit 9~10 is N3

“▲”=when the rated voltage is 305Vac, the digit 9~10 is P2

MOQ = Minimum order quantity

◆ 产品尺寸: Product Dimension:

350Vac																
C (μF)	W	H	T	P	d	产品代码 Part number	MOQ	C (μF)	W	H	T	P	d	产品代码 Part number	MOQ	
0.01	13.0	9.0	4.0	10.0	0.6	MK61103-Q340****	500	0.1	18.0	12.0	6.0	15.0	0.6	MK61104-Q360****	500	
0.012	13.0	9.0	4.0	10.0	0.6	MK61123-Q340****	500	0.12	18.0	13.5	7.5	15.0	0.6	MK61124-Q360****	500	
0.015	13.0	9.0	4.0	10.0	0.6	MK61153-Q340****	500	0.15	18.0	13.5	7.5	15.0	0.6	MK61154-Q360****	500	
0.018	13.0	9.0	4.0	10.0	0.6	MK61183-Q340****	500	0.18	18.0	14.5	8.5	15.0	0.6	MK61184-Q360****	500	
0.022	13.0	9.0	4.0	10.0	0.6	MK61223-Q340****	500	0.22	18.0	14.5	8.5	15.0	0.6	MK61224-Q360****	500	
0.027	13.0	11.0	5.0	10.0	0.6	MK61273-Q340****	500	0.27	18.0	16.0	10.0	15.0	0.8	MK61274-Q360****	500	
0.033	13.0	11.0	5.0	10.0	0.6	MK61333-Q340****	500	0.33	18.0	19.0	11.0	15.0	0.8	MK61334-Q360****	500	
0.039	13.0	11.0	5.0	10.0	0.6	MK61393-Q340****	500	0.1	26.5	15.0	6.0	22.5	0.8	MK61104-Q390****	500	
0.047	13.0	12.0	6.0	10.0	0.6	MK61473-Q340****	500	0.12	26.5	15.0	6.0	22.5	0.8	MK61124-Q390****	500	
0.056	13.0	12.0	6.0	10.0	0.6	MK61563-Q340****	500	0.15	26.5	15.0	6.0	22.5	0.8	MK61154-Q390****	500	
0.01	18.0	9.5	5.0	15.0	0.6	MK61103-Q360****	500	0.18	26.5	15.0	6.0	22.5	0.8	MK61184-Q390****	500	
0.012	18.0	9.5	5.0	15.0	0.6	MK61123-Q360****	500	0.22	26.5	15.0	6.0	22.5	0.8	MK61224-Q390****	500	
0.015	18.0	9.5	5.0	15.0	0.6	MK61153-Q360****	500	0.27	26.5	15.0	6.0	22.5	0.8	MK61274-Q390****	500	
0.018	18.0	9.5	5.0	15.0	0.6	MK61183-Q360****	500	0.33	26.5	16.0	7.0	22.5	0.8	MK61334-Q390****	500	
0.022	18.0	9.5	5.0	15.0	0.6	MK61223-Q360****	500	0.39	26.5	17.0	8.5	22.5	0.8	MK61394-Q390****	500	
0.027	18.0	9.5	5.0	15.0	0.6	MK61273-Q360****	500	0.47	26.5	17.0	8.5	22.5	0.8	MK61474-Q390****	500	
0.033	18.0	9.5	5.0	15.0	0.6	MK61333-Q360****	500	0.56	26.5	18.5	10.0	22.5	0.8	MK61564-Q390****	500	
0.039	18.0	9.5	5.0	15.0	0.6	MK61393-Q360****	500	0.68	26.5	18.5	10.0	22.5	0.8	MK61684-Q390****	500	
0.047	18.0	11.0	5.0	15.0	0.6	MK61473-Q360****	500	0.82	26.5	20.0	11.0	22.5	0.8	MK61824-Q390****	200	
0.056	18.0	11.0	5.0	15.0	0.6	MK61563-Q360****	500	1	26.5	22.0	12.0	22.5	0.8	MK61105-Q390****	200	
0.068	18.0	12.0	6.0	15.0	0.6	MK61683-Q360****	500	1.2	26.5	23.0	13.5	22.5	0.8	MK61125-Q390****	200	
0.082	18.0	12.0	6.0	15.0	0.6	MK61823-Q360****	500	1.5	26.5	24.5	15.5	22.5	0.8	MK61155-Q390****	200	

备注:

“-”: 客户要求的容量偏差

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“-”=custom's capacitor tolerance code, K=±10%, M=±20%

“****”= Lead form and packing code (refer to table 4 in page 15)

MOQ = Minimum order quantity



MKP61

MKP61 series

◆产品尺寸: Product Dimension:

350Vac															
C (μF)	W	H	T	P	d	产品代码 Part number	MOQ	C (μF)	W	H	T	P	d	产品代码 Part number	MOQ
0.22	32.0	18.0	9.0	27.5	0.8	MK61224-Q3B0****	200	0.56	42.0	22.0	11.0	37.5	1.0	MK61564-Q3E0****	50
0.27	32.0	18.0	9.0	27.5	0.8	MK61274-Q3B0****	200	0.68	42.0	22.0	11.0	37.5	1.0	MK61684-Q3E0****	50
0.33	32.0	18.0	9.0	27.5	0.8	MK61334-Q3B0****	200	0.82	42.0	22.0	11.0	37.5	1.0	MK61824-Q3E0****	50
0.39	32.0	18.0	9.0	27.5	0.8	MK61394-Q3B0****	200	1	42.0	22.0	11.0	37.5	1.0	MK61105MQ3E0****	50
0.47	32.0	18.0	9.0	27.5	0.8	MK61474-Q3B0****	200	1.2	42.0	22.0	11.0	37.5	1.0	MK61125-Q3E0****	50
0.56	32.0	18.0	9.0	27.5	0.8	MK61564-Q3B0****	200	1.5	42.0	24.0	13.0	37.5	1.0	MK61155-Q3E0****	50
0.68	32.0	18.0	9.0	27.5	0.8	MK61684-Q3B0****	200	1.8	42.0	24.0	13.0	37.5	1.0	MK61185-Q3E0****	50
0.82	32.0	20.0	11.0	27.5	0.8	MK61824-Q3B0****	100	2.2	42.0	26.0	15.0	37.5	1.0	MK61225-Q3E0****	50
1	32.0	20.0	11.0	27.5	0.8	MK61105-Q3B0****	100	2.7	42.0	28.0	14.0	37.5	1.0	MK61275-Q3E0****	50
1.2	32.0	22.0	13.0	27.5	0.8	MK61125-Q3B0****	100	3.3	42.0	30.0	16.0	37.5	1.0	MK61335-Q3E0****	50
1.5	32.0	25.0	13.0	27.5	0.8	MK61155-Q3B0****	100	3.9	42.0	32.0	17.0	37.5	1.0	MK61395-Q3E0****	50
1.8	32.0	24.5	15.0	27.5	0.8	MK61185-Q3B0****	100	4.7	42.0	34.0	20.0	37.5	1.0	MK61475-Q3E0****	50
2.2	32.0	30.0	16.0	27.5	0.8	MK61225-Q3B0****	50	5.6	42.0	37.0	22.0	37.5	1.0	MK61565-Q3E0****	20
2.7	32.0	33.0	18.0	27.5	0.8	MK61275-Q3B0****	50	6.8	42.0	37.0	26.0	37.5	1.0	MK61685-Q3E0****	20
3.3	32.0	33.0	18.0	27.5	0.8	MK61335-Q3B0****	50	8.2	42.0	41.0	26.0	37.5	1.0	MK61825-Q3E0****	20
3.9	32.0	37.0	22.0	27.5	0.8	MK61395-Q3B0****	50	10	42.0	45.0	30.0	37.5	1.0	MK61106-Q3E0****	20
4.7	32.0	37.0	22.0	27.5	0.8	MK61475-Q3B0****	50	15	57.0	45.0	30.0	52.5	1.2	MK61156-Q3G0****	20
0.33	42.0	22.0	11.0	37.5	1.0	MK61334-Q3E0****	50	18	57.0	45.0	35.0	52.5	1.2	MK61186-Q3G0****	20
0.39	42.0	22.0	11.0	37.5	1.0	MK61394-Q3E0****	50	20	57.0	50.0	35.0	52.5	1.2	MK61206-Q3G0****	20
0.47	42.0	22.0	11.0	37.5	1.0	MK61474-Q3E0****	50								

备注:

“-”: 客户要求的容量偏差

“****”: 引线加工和包装代码 (见 15 页表 4)

MOQ: 最小订单量

“-”=custom's capacitor tolerance code, K=±10%, M=±20%

“****”= Lead form and packing code (refer to table 4 in page 15)

MOQ = Minimum order quantity