



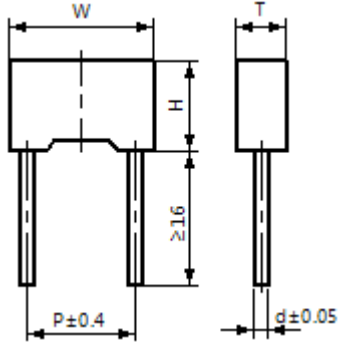
MKP61

MKP61 series

MKP61 型抑制电源电磁干扰薄膜电容器 (X2 类)

Metallized polypropylene film interference suppression capacitor (Class X2)

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



- $W \leq 26.5$: $W \pm 0.4$, $H \pm 0.4$, $T \pm 0.4$
- $W > 26.5$: $W \pm 0.8$, $H \pm 0.8$, $T \pm 0.8$

◆ 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/T 14472、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℃~110℃		
额定电压 Rated Voltage	275Vac/305Vac/310Vac		
最大连续直流电压 Maximum continuous DC 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℃, 1kHz)		
耐电压 Voltage Proof	引线之间 Between Terminals	2000Vdc (2s) ($C_R \leq 1\mu F$) 1800Vdc (2s) ($C_R > 1\mu F$)	
	极壳之间 Between Terminals to case	2120Vac (1min)	
绝缘电阻 Insulation Resistance	$C_R \leq 0.33\mu F$, $IR \geq 15\ 000\ M\Omega$ $C_R > 0.33\mu F$, $\tau \geq 5\ 000\ M\Omega \cdot \mu F$ (20℃, 500V, 1min)		
损耗角正切 Dissipation Factor	$0.001\mu F \leq C_R \leq 0.47\mu F$	≤ 0.0010 (1kHz, 20℃)	≤ 0.0020 (10kHz, 20℃)
	$0.47\mu F < C_R \leq 1.0\mu F$	≤ 0.0020 (1kHz, 20℃)	≤ 0.0040 (10kHz, 20℃)
	$C_R > 1.0\mu F$	≤ 0.0030 (1kHz, 20℃)	-

◆ 安全认证 Safety Approvals

	CQC (中国)	GB/T 14472-1998, X2, 275Vac/305Vac, 0.0010μF~4.7μF, 40/110/56/B Certificate No.: CQC03001007919
	ENEC-VDE (德国)	IEC 60384-14, X2, 275Vac/305Vac, 0.0010μF~4.7μF, 40/110/56/B Certificate No.: 40032626
	UL-CUL (美国/加拿大)	UL60384-14, X2, 305Vac, 0.0010μF~4.7μF, 40/110/56/B Certificate No.: E217215
	KTL (韩国)	K60384-1, K60384-14, X2, 305Vac, 0.0010μF~4.7μF, 40/110/56/B Certificate No.: SU03046-10001A/SU03046-10002A

◆ 产品尺寸: Product Dimension:

275Vac [▲] /305Vac																
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	
0.0010	10.5	9.0	4.0	7.5	0.6	MK61102-P230****	1000	0.068	13.0	11.0	5.0	10.0	0.6	MK61683-P240****	500	
0.0012	10.5	9.0	4.0	7.5	0.6	MK61122-P230****	1000	0.082	13.0	12.0	6.0	10.0	0.6	MK61823-P240****	500	
0.0015	10.5	9.0	4.0	7.5	0.6	MK61152-P230****	1000	0.10	13.0	12.0	6.0	10.0	0.6	MK61104-P240****	500	
0.0018	10.5	9.0	4.0	7.5	0.6	MK61182-P230****	1000	0.12	13.0	13.0	7.0	10.0	0.6	MK61124-P240****	500	
0.0022	10.5	9.0	4.0	7.5	0.6	MK61222-P230****	1000	0.15	13.0	13.0	7.0	10.0	0.6	MK61154-P240****	500	
0.0027	10.5	9.0	4.0	7.5	0.6	MK61272-P230****	1000	0.18	13.0	14.0	8.0	10.0	0.6	MK61184-P240****	500	
0.0033	10.5	9.0	4.0	7.5	0.6	MK61332-P230****	1000	0.010	18.0	11.0	5.0	15.0	0.6	MK61103-P260****	500	
0.0039	10.5	9.0	4.0	7.5	0.6	MK61392-P230****	1000	0.012	18.0	11.0	5.0	15.0	0.6	MK61123-P260****	500	
0.0047	10.5	9.0	4.0	7.5	0.6	MK61472-P230****	1000	0.015	18.0	11.0	5.0	15.0	0.6	MK61153-P260****	500	
0.0056	10.5	9.0	4.0	7.5	0.6	MK61562-P230****	1000	0.018	18.0	11.0	5.0	15.0	0.6	MK61183-P260****	500	
0.0068	10.5	9.0	4.0	7.5	0.6	MK61682-P230****	1000	0.022	18.0	11.0	5.0	15.0	0.6	MK61223-P260****	500	
0.0082	10.5	9.0	4.0	7.5	0.6	MK61822-P230****	1000	0.027	18.0	11.0	5.0	15.0	0.6	MK61273-P260****	500	
0.010	10.5	9.0	4.0	7.5	0.6	MK61103-P230****	1000	0.033	18.0	11.0	5.0	15.0	0.6	MK61333-P260****	500	
0.012	10.5	9.0	4.0	7.5	0.6	MK61123-P230****	1000	0.039	18.0	11.0	5.0	15.0	0.6	MK61393-P260****	500	
0.015	10.5	9.0	4.0	7.5	0.6	MK61153-P230****	1000	0.047	18.0	11.0	5.0	15.0	0.6	MK61473-P260****	500	
0.018	10.5	9.0	4.0	7.5	0.6	MK61183-P230****	1000	0.047	18.0	11.0	5.0	15.0	0.6	MK61473-P261****	500	
0.022	10.5	9.0	4.0	7.5	0.6	MK61223-P230****	1000	0.056	18.0	11.0	5.0	15.0	0.6	MK61563-P260****	500	
0.027	10.5	11.0	5.0	7.5	0.6	MK61273-P230****	1000	0.068	18.0	11.0	5.0	15.0	0.6	MK61683-P260****	500	
0.033	10.5	11.0	5.0	7.5	0.6	MK61333-P230****	1000	0.068	18.0	12.0	6.0	15.0	0.8	MK61683-P261****	500	
0.039	10.5	11.0	5.0	7.5	0.6	MK61393-P230****	1000	0.082	18.0	11.0	5.0	15.0	0.6	MK61823-P260****	500	
0.047	10.5	12.0	6.0	7.5	0.6	MK61473-P230****	1000	0.10	18.0	11.0	5.0	15.0	0.6	MK61104-P260****	500	
0.0047	13.0	9.0	4.0	10.0	0.6	MK61472-P240****	500	0.10	18.0	13.5	7.5	15.0	0.8	MK61104-P261****	500	
0.0056	13.0	9.0	4.0	10.0	0.6	MK61562-P240****	500	0.12	18.0	11.0	5.0	15.0	0.6	MK61124-P260****	500	
0.0068	13.0	9.0	4.0	10.0	0.6	MK61682-P240****	500	0.15	18.0	12.0	6.0	15.0	0.8	MK61154-P260****	500	
0.0082	13.0	9.0	4.0	10.0	0.6	MK61822-P240****	500	0.15	18.0	14.5	8.5	15.0	0.8	MK61154-P261****	500	
0.010	13.0	9.0	4.0	10.0	0.6	MK61103-P240****	500	0.18	18.0	12.0	6.0	15.0	0.8	MK61184-P260****	500	
0.012	13.0	9.0	4.0	10.0	0.6	MK61123-P240****	500	0.22	18.0	13.5	6.0	15.0	0.8	MK61224-P260****	500	
0.015	13.0	9.0	4.0	10.0	0.6	MK61153-P240****	500	0.22	18.0	13.5	7.5	15.0	0.8	MK61224-P261****	500	
0.018	13.0	9.0	4.0	10.0	0.6	MK61183-P240****	500	0.22	18.0	18.0	9.0	15.0	0.8	MK61224-P264****	500	
0.022	13.0	9.0	4.0	10.0	0.6	MK61223-P240****	500	0.27	18.0	13.5	7.5	15.0	0.8	MK61274-P260****	500	
0.027	13.0	9.0	4.0	10.0	0.6	MK61273-P240****	500	0.33	18.0	13.5	10.0	15.0	0.8	MK61334-P260****	500	
0.033	13.0	9.0	4.0	10.0	0.6	MK61333-P240****	500	0.33	18.0	14.5	8.5	15.0	0.8	MK61334-P261****	500	
0.039	13.0	9.0	4.0	10.0	0.6	MK61393-P240****	500	0.33	18.0	17.5	7.5	15.0	0.8	MK61334-P264****	500	
0.047	13.0	11.0	5.0	10.0	0.6	MK61473-P240****	500	0.33	18.0	21.0	12.0	15.0	0.8	MK61334-P265****	500	
0.056	13.0	11.0	5.0	10.0	0.6	MK61563-P240****	500	0.39	18.0	14.5	8.5	15.0	0.8	MK61394-P260****	500	

备注:

“-”表示客户要求的容量偏差
 “****”表示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
 MOQ为最小订单量

“-”=custom's capacitor tolerance code, J=±5%, 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
 MOQ = Minimum order quantity



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◆ 产品尺寸: Product Dimension:

275Vac [▲] /305Vac																
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	
0.47	18.0	16.0	10.0	15.0	0.8	MK61394-P260****	500	1.5	32.0	20.0	11.0	27.5	0.8	MK61155-P290****	200	
0.47	18.0	19.0	11.0	15.0	0.8	MK61394-P261****	500	1.5	32.0	33.0	18.0	27.5	0.8	MK61155-P291****	100	
0.47M	18.0	14.0	9.0	15.0	0.8	MK61394MP262****	500	1.8	32.0	22.0	13.0	27.5	0.8	MK61185-P290****	200	
0.56	18.0	19.0	11.0	15.0	0.8	MK61564-P260****	500	2.2	32.0	25.0	13.0	27.5	0.8	MK61225-P290****	200	
0.68	18.0	19.0	11.0	15.0	0.8	MK61684-P260****	500	2.7	32.0	24.5	15.0	27.5	0.8	MK61275-P290****	200	
0.82	18.0	21.0	12.0	15.0	0.8	MK61824-P260****	500	3.3	32.0	28.0	17.0	27.5	0.8	MK61335-P290****	100	
0.15	26.5	15.0	6.0	22.5	0.8	MK61154-P290****	500	3.9	32.0	33.0	18.0	27.5	0.8	MK61395-P290****	100	
0.22	26.5	15.0	6.0	22.5	0.8	MK61224-P290****	500	4.7	32.0	37.0	22.0	27.5	0.8	MK61475-P290****	100	
0.27	26.5	15.0	6.0	22.5	0.8	MK61274-P290****	500	1.5	41.0	22.0	11.0	37.5	1.0	MK61155-P2E0****	100	
0.33	26.5	15.0	6.0	22.5	0.8	MK61334-P290****	500	1.5	41.0	30.0	16.0	37.5	1.0	MK61155-P2E1****	50	
0.33	26.5	18.5	10.0	22.5	0.8	MK61334-P291****	200	1.8	41.0	22.0	11.0	37.5	1.0	MK61185-P2E0****	100	
0.39	26.5	15.0	6.0	22.5	0.8	MK61394-P290****	500	2.2	41.0	24.0	13.0	37.5	1.0	MK61225-P2E0****	100	
0.47	26.5	16.0	7.0	22.5	0.8	MK61474-P290****	500	2.2	41.0	33.5	18.5	37.5	1.0	MK61225-P2E1****	50	
0.47	26.5	20.0	11.0	22.5	0.8	MK61474-P291****	200	2.7	41.0	24.0	13.0	37.5	1.0	MK61275-P2E0****	100	
0.56	26.5	16.0	7.0	22.5	0.8	MK61564-P290****	500	3.3	42.0	28.0	14.0	37.5	1.0	MK61335-P2E0****	50	
0.68	26.5	17.0	8.5	22.5	0.8	MK61684-P290****	500	3.9	41.0	30.0	16.0	37.5	1.0	MK61395-P2E0****	50	
0.82	26.5	18.5	10.0	22.5	0.8	MK61824-P290****	200	4.7	41.0	30.0	16.0	37.5	1.0	MK61475-P2E0****	50	
1.0	26.5	18.5	10.0	22.5	0.8	MK61105-P290****	200	5.6	41.0	33.5	18.5	37.5	1.0	MK61565-P2E0****	50	
1.2	26.5	20.0	11.0	22.5	0.8	MK61125-P290****	200	6.8	41.0	33.5	18.5	37.5	1.0	MK61685-P2E0****	50	
1.5	26.5	22.0	12.0	22.5	0.8	MK61155-P290****	200	8.2	41.0	37.0	22.0	37.5	1.0	MK61825-P2E0****	50	
1.8	26.5	24.5	15.5	22.5	0.8	MK61185-P290****	200	10.0	41.0	41.0	26.0	37.5	1.0	MK61106-P2E0****	50	
2.2	26.5	24.5	15.5	22.5	0.8	MK61225-P290****	200	12.0	41.0	43.0	28.0	37.5	1.0	MK61126-P2E0****	50	
0.47	32.0	18.0	9.0	27.5	0.8	MK61474-P290****	500	15.0	42.0	45.0	30.0	37.5	1.0	MK61156-P2E0****	50	
0.56	32.0	18.0	9.0	27.5	0.8	MK61564-P290****	500	20.0	42.0	57.0	30.0	37.5	1.0	MK61206-P2E0****	50	
0.68	32.0	18.0	9.0	27.5	0.8	MK61684-P290****	500	20.0	57.0	45.0	30.0	52.5	1.0	MK61206-P2G0****	25	
0.68	32.0	22.0	13.0	27.5	0.8	MK61684-P291****	200	25.0	57.0	50.0	35.0	52.5	1.0	MK61256-P2G0****	25	
0.82	32.0	18.0	9.0	27.5	0.8	MK61824-P290****	500	30.0	57.0	50.0	40.0	52.5	1.0	MK61306-P2G0****	25	
1.0	32.0	18.0	9.0	27.5	0.8	MK61105-P290****	500	35.0	57.0	55.0	40.0	52.5	1.0	MK61356-P2G0****	25	
1.0	32.0	24.5	15.0	27.5	0.8	MK61105-P291****	200	40.0	57.0	60.0	45.0	52.5	1.0	MK61406-P2G0****	25	
1.2	32.0	20.0	11.0	27.5	0.8	MK61125-P290****	200	45.0	57.0	65.0	45.0	52.5	1.0	MK61456-P2G0****	25	

备注:

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 “▲”当额定电压为275Vac时,第9~10位为N3
 MOQ为最小订单量

“-”=custom's capacitor tolerance code, J=±5%, 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
 MOQ = Minimum order quantity