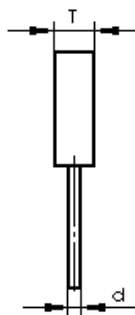
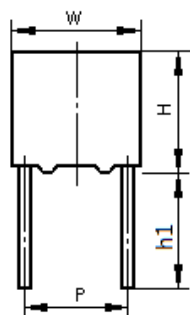


MKP61H 抑制电源电磁干扰薄膜电容(X2 THB, 275Vac/305Vac/310Vac/350Vac)

Metallized Polypropylene Film Interference Suppression Capacitor

(Class X2, Temperature Humidity Bias (THB) Series)

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



W±0.4, H±0.4, T±0.4, P±0.4

◆ 特点及用途 Application and Feature

塑料外壳(UL94 V-0),环氧树脂灌封;在严苛环境下(如高温高湿)长期应用容量稳定;广泛用于电源跨线等抗干扰场合。

Plastic case (UL94 V-0), Epoxy resin sealing; High stability of capacitance under severe ambient condition, such as high temperature and high humidity; Widely used in across-the-line, interference suppression circuit, ect.

◆ 技术要求 Specifications

参照标准 Reference Standard	GBT 6364.14、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℃~+110℃		
额定电压 Rated Voltage	275Vac/305Vac/310Vac, 350Vac (50/60Hz)		
电容量范围 Capacitance Range	0.01μF~25.0μF		
电容量偏差 Capacitance Tolerance	±10%(K)、±20%(M)(20℃, 1kHz)		
耐电压 Voltage Proof	引线之间 Between Terminals	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℃, 100V, 1min)		
损耗角正切 Dissipation Factor	C _R ≤1.0μF	≤0.0010 (1kHz, 20℃)	≤0.0020 (10kHz, 20℃)
	C _R >1.0μF	≤0.0020 (1kHz, 20℃)	≤0.0040 (10kHz, 20℃)
耐湿热负荷 THB test (Damp Heat Test with Loading)	Temperature: 85℃±2℃; Humidity: 85%RH±2%RH Voltage: 300Vac 50Hz; Duration: 1 000 hours(CR>0.47μF) Capacitance change(ΔC/C): ≤10% DF change(Δtg δ): ≤0.5% (1kHz) Insulation resistance: ≥50% of the rated value		

◆ 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/SU03046-10002A



MKP61H(THB)

MKP61H series(THB)

◆ 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	
0.1	18.0	11.0	5.0	15.0	0.6	MK61104-P36H****	500	1.8	32.0	25.0	13.0	27.5	0.8	MK61185-P3BH****	100	
0.12	18.0	12.0	6.0	15.0	0.6	MK61124-P36H****	500	2.2	32.0	24.5	15.0	27.5	0.8	MK61225-P3BH****	100	
0.15	18.0	12.0	6.0	15.0	0.6	MK61154-P36H****	500	2.7	32.0	30.0	16.0	27.5	0.8	MK61275-P3BH****	100	
0.18	18.0	13.5	7.5	15.0	0.6	MK61184-P36H****	500	3.3	32.0	30.0	16.0	27.5	0.8	MK61335-P3BH****	50	
0.22	18.0	13.5	7.5	15.0	0.6	MK61224-P36H****	500	3.9	32.0	33.0	18.0	27.5	0.8	MK61395-P3BH****	50	
0.27	18.0	14.5	8.5	15.0	0.6	MK61274-P36H****	500	4.7M	32.0	33.0	18.0	27.5	0.8	MK61475MP3BH****	50	
0.33	18.0	14.5	8.5	15.0	0.6	MK61334-P36H****	500	4.7K	32.0	34.0	20.0	27.5	0.8	MK61475KP3BH****	50	
0.39	18.0	16.0	10.0	15.0	0.8	MK61394-P36H****	500	5.6	32.0	37.0	22.0	27.5	0.8	MK61565-P3BH****	50	
0.47	18.0	19.0	11.0	15.0	0.8	MK61474-P36H****	500	6.8M	32.0	37.0	22.0	27.5	0.8	MK61685MP3BH****	50	
0.33	26.5	15.0	6.0	22.5	0.8	MK61334-P39H****	500	1.5	42.0	22.0	11.0	37.5	1.0	MK61155-P3EH****	50	
0.39	26.5	16.0	7.0	22.5	0.8	MK61394-P39H****	500	1.8	42.0	22.0	11.0	37.5	1.0	MK61185-P3EH****	50	
0.47	26.5	17.0	8.5	22.5	0.8	MK61474-P39H****	500	2.2	42.0	24.0	13.0	37.5	1.0	MK61225-P3EH****	50	
0.56	26.5	17.0	8.5	22.5	0.8	MK61564-P39H****	500	2.7	42.0	24.0	13.0	37.5	1.0	MK61275-P3EH****	50	
0.68	26.5	18.5	10.0	22.5	0.8	MK61684-P39H****	500	3.3	42.0	28.0	14.0	37.5	1.0	MK61335-P3EH****	50	
0.82	26.5	18.5	10.0	22.5	0.8	MK61824-P39H****	500	3.9	42.0	30.0	16.0	37.5	1.0	MK61395-P3EH****	50	
1	26.5	20.0	11.0	22.5	0.8	MK61105-P39H****	200	4.7M	42.0	30.0	16.0	37.5	1.0	MK61475MP3EH****	50	
1.2	26.5	22.0	12.0	22.5	0.8	MK61125-P39H****	200	4.7K	42.0	32.0	17.0	37.5	1.0	MK61475KP3EH****	50	
1.5	26.5	23.0	13.5	22.5	0.8	MK61155-P39H****	200	5.6	42.0	33.5	18.5	37.5	1.0	MK61565-P3EH****	50	
1.8	26.5	24.5	15.5	22.5	0.8	MK61185-P39H****	200	6.8M	42.0	34.0	20.0	37.5	1.0	MK61685MP3EH****	50	
2.2	26.5	29.5	14.5	22.5	0.8	MK61225-P39H****	200	6.8K	42.0	37.0	22.0	37.5	1.0	MK61685KP3EH****	20	
0.47	32.0	18.0	9.0	27.5	0.8	MK61474-P3BH****	200	8.2	42.0	37.0	22.0	37.5	1.0	MK61825-P3EH****	20	
0.56	32.0	18.0	9.0	27.5	0.8	MK61564-P3BH****	200	10	42.0	41.0	26.0	37.5	1.0	MK61106-P3EH****	20	
0.68	32.0	18.0	9.0	27.5	0.8	MK61684-P3BH****	200	12	42.0	43.0	28.0	37.5	1.0	MK61126-P3EH****	20	
0.82	32.0	18.0	9.0	27.5	0.8	MK61824-P3BH****	200	15M	42.0	45.0	30.0	37.5	1.0	MK61156MP3EH****	20	
1	32.0	20.0	11.0	27.5	0.8	MK61105-P3BH****	200	15K	42.0	50.0	30.0	37.5	1.0	MK61156KP3EH****	20	
1.2	32.0	20.0	11.0	27.5	0.8	MK61125-P3BH****	200	18	57.0	45.0	30.0	52.5	1.2	MK61186-P3GH****	20	
1.5	32.0	22.0	13.0	27.5	0.8	MK61155-P3BH****	100	20	57.0	45.0	30.0	52.5	1.2	MK61206-P3GH****	20	
								25	57.0	50.0	35.0	52.5	1.2	MK61256-P3GH****	20	

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)

“▲”: 额定电压为 275Vac 时, 第 9~10 位为 N3

“▲”: 额定电压为 305Vac 时, 第 9~10 位为 P2

MOQ: 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

“▲”=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
0.1	18.0	13.5	7.5	15.0	0.6	MK61104-Q36H****	500	1.2	32.0	22.0	13.0	27.5	0.8	MK61125-Q3BH****	100
0.12	18.0	13.5	7.5	15.0	0.6	MK61124-Q36H****	500	1.5	32.0	24.5	15.0	27.5	0.8	MK61155-Q3BH****	100
0.15	18.0	14.5	8.5	15.0	0.6	MK61154-Q36H****	500	1.8	32.0	28.0	14.0	27.5	0.8	MK61185-Q3BH****	100
0.18	18.0	14.5	8.5	15.0	0.6	MK61184-Q36H****	500	2.2	32.0	30.0	16.0	27.5	0.8	MK61225-Q3BH****	50
0.22	18.0	16.0	10.0	15.0	0.6	MK61224-Q36H****	500	2.7	32.0	33.0	18.0	27.5	0.8	MK61275-Q3BH****	50
0.27	18.0	16.0	10.0	15.0	0.8	MK61274-Q36H****	500	3.3M	32.0	33.0	18.0	27.5	0.8	MK61335MQ3BH****	50
0.33	18.0	19.0	11.0	15.0	0.8	MK61334-Q36H****	500	3.3K	32.0	38.0	18.0	27.5	0.8	MK61335KQ3BH****	50
0.1	26.5	15.0	6.0	22.5	0.8	MK61104-Q39H****	500	3.9	32.0	37.0	22.0	27.5	0.8	MK61395-Q3BH****	50
0.12	26.5	15.0	6.0	22.5	0.8	MK61124-Q39H****	500	4.7M	32.0	37.0	22.0	27.5	0.8	MK61475MQ3BH****	50
0.15	26.5	16.0	7.0	22.5	0.8	MK61154-Q39H****	500	4.7K	32.0	38.0	24.0	27.5	0.8	MK61475KQ3BH****	50
0.18	26.5	16.0	7.0	22.5	0.8	MK61184-Q39H****	500	0.33	42.0	22.0	11.0	37.5	1.0	MK61334-Q3EH****	50
0.22	26.5	16.0	7.0	22.5	0.8	MK61224-Q39H****	500	0.39	42.0	22.0	11.0	37.5	1.0	MK61394-Q3EH****	50
0.27	26.5	16.0	7.0	22.5	0.8	MK61274-Q39H****	500	0.47	42.0	22.0	11.0	37.5	1.0	MK61474-Q3EH****	50
0.33	26.5	17.0	8.5	22.5	0.8	MK61334-Q39H****	500	0.56	42.0	22.0	11.0	37.5	1.0	MK61564-Q3EH****	50
0.39M	26.5	17.0	8.5	22.5	0.8	MK61394MQ39H****	500	0.68	42.0	22.0	11.0	37.5	1.0	MK61684-Q3EH****	50
0.39K	26.5	18.5	9.0	22.5	0.8	MK61394KQ39H****	500	0.82	42.0	22.0	11.0	37.5	1.0	MK61824-Q3EH****	50
0.47M	26.5	18.5	9.0	22.5	0.8	MK61474MQ39H****	500	1	42.0	22.0	11.0	37.5	1.0	MK61105-Q3EH****	50
0.47K	26.5	18.5	10.0	22.5	0.8	MK61474KQ39H****	500	1.2	42.0	22.0	11.0	37.5	1.0	MK61125-Q3EH****	50
0.56	26.5	18.5	10.0	22.5	0.8	MK61564-Q39H****	500	1.5	42.0	24.0	13.0	37.5	1.0	MK61155-Q3EH****	50
0.68M	26.5	20.0	11.0	22.5	0.8	MK61684MQ39H****	200	1.8	42.0	26.0	15.0	37.5	1.0	MK61185-Q3EH****	50
0.68K	26.5	21.0	11.0	22.5	0.8	MK61684KQ39H****	200	2.2	42.0	26.0	15.0	37.5	1.0	MK61225-Q3EH****	50
0.82	26.5	22.0	12.0	22.5	0.8	MK61824-Q39H****	200	2.7	42.0	30.0	16.0	37.5	1.0	MK61275-Q3EH****	50
1	26.5	23.0	13.5	22.5	0.8	MK61105-Q39H****	200	3.3M	42.0	30.0	16.0	37.5	1.0	MK61335MQ3EH****	50
1.2	26.5	24.5	14.5	22.5	0.8	MK61125-Q39H****	200	3.3K	42.0	32.0	17.0	37.5	1.0	MK61335KQ3EH****	50
1.5	26.5	29.5	14.5	22.5	0.8	MK61155-Q39H****	200	3.9	42.0	34.0	20.0	37.5	1.0	MK61395-Q3EH****	50
0.22	32.0	18.0	9.0	27.5	0.8	MK61224-Q3BH****	200	4.7M	42.0	34.0	20.0	37.5	1.0	MK61475MQ3EH****	50
0.27	32.0	18.0	9.0	27.5	0.8	MK61274-Q3BH****	200	4.7K	42.0	37.0	22.0	37.5	1.0	MK61475KQ3EH****	20
0.33	32.0	18.0	9.0	27.5	0.8	MK61334-Q3BH****	200	5.6	42.0	37.0	22.0	37.5	1.0	MK61565-Q3EH****	20
0.39	32.0	18.0	9.0	27.5	0.8	MK61394-Q3BH****	200	6.8M	42.0	37.0	24.0	37.5	1.0	MK61685MQ3EH****	20
0.47	32.0	18.0	9.0	27.5	0.8	MK61474-Q3BH****	200	6.8K	42.0	37.0	26.0	37.5	1.0	MK61685KQ3EH****	20
0.56	32.0	18.0	9.0	27.5	0.8	MK61564-Q3BH****	200	8.2	42.0	43.0	28.0	37.5	1.0	MK61825-Q3EH****	20
0.68	32.0	20.0	11.0	27.5	0.8	MK61684-Q3BH****	100	10	42.0	45.0	30.0	37.5	1.0	MK61106-Q3EH****	20
0.82	32.0	20.0	11.0	27.5	0.8	MK61824-Q3BH****	100	15M	57.0	45.0	30.0	52.5	1.2	MK61156MQ3GH****	20
1	32.0	20.0	11.0	27.5	0.8	MK61105MQ3BH****	100	15K	57.0	48.0	30.0	52.5	1.2	MK61156KQ3GH****	20
1	32.0	22.0	13.0	27.5	0.8	MK61105KQ3BH****	100	18	57.0	48.5	34.0	52.5	1.2	MK61186-Q3GH****	20
								20M	57.0	50.0	35.0	52.5	1.2	MK61206MQ3GH****	20

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, J=±5%, K=±10%, M=±20%

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

MOQ = Minimum order quantity