



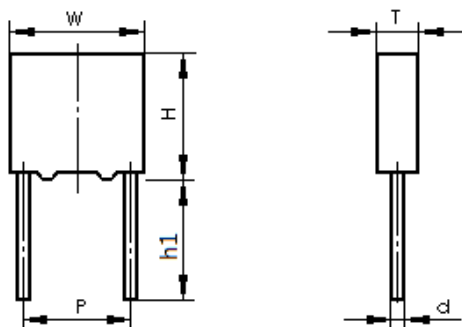
# MKP61R

MKP61R series

## MKP61R 抑制电源电磁干扰阻容模块 (X2 类, 300Vac)

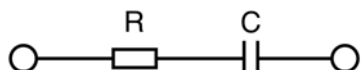
### Metallized Polypropylene Film Interference Suppression RC-unit(Class X2)

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



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

#### ◆ 电路结构图 Electrical Connection



#### ◆ 特点及用途 Application and Feature

具有耐压高、绝缘电阻高、频率响应快等点，塑料外壳(UL94 V-0),阻燃环氧填充；具有良好的抑制噪音，吸收能量尖峰和阻尼作用。

High voltage、High insulation resistance、Good frequency response speed , Plastic case (UL94 V-0), Epoxy resin sealing. Suitable for the filtering and anti-radio-frequency interference at the both ends of the working frequency power supply.

#### ◆ 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	300Vac (50/60Hz)	
电容量范围和偏差 Capacitance Range and Tolerance	0.01μF~1.0μF, ±20%(M)(20°C, 1kHz)	
电阻范围和偏差 Resistance Range And Tolerance	10.0Ω~1000Ω, ±30%	$C_N R_N < 50 \mu s, 100kHz$
		$C_N R_N \geq 50 \mu s, 1kHz$
耐电压 Voltage Proof	引线之间 Between Terminals	4.3U <sub>R</sub> (dc), 2s
	极壳之间 Between Terminals to case	2120Vac (1min)
绝缘电阻 Insulation Resistance	$C_R \leq 0.33\mu F, IR \geq 15\ 000\ M\Omega$ $C_R > 0.33\mu F, IR \times C \geq 5\ 000s$	(20°C, 100V, 1min)

#### ◆ 安全认证 Safety Approvals

	CQC (中国)	IEC 60384-14, X2, RC-Unit, 300Vac, 0.01μF~1μF, 40/110/56/B Certificate No.: CQC19001216572
	ENEC (欧盟)	IEC 60384-14, X2, RC-Unit, 300Vac, 0.01μF~1μF, 40/110/56/B Certificate No.: HN 69261979
	UL-CUL (美国/加拿大)	UL60384-14, CSA E60384-1, CSA E60384-14 X2, RC-Unit, 300Vac, 0.01μF~1μF, 40/110/56/B Certificate No.: E217215

## 产品代码编写说明： Part number code system

16 位产品代码如下： The 16 digits part number is formed as follow:

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
M	6	1	R												

第 1~4 位	薄膜电容器系列代码 M61R=MKP61R	Digit 1 to 4	Series code of film capacitor M61R=MKP61R
第 5~7 位	标称容量代码 举例：103=10×10 <sup>3</sup> pF=0.01 μ F	Digit 5 to 7	Rated capacitance value code For example: 103=10×10 <sup>3</sup> pF=0.01 μ F
第 8 位	容量等级代码 M=±20%	Digit 8	Capacitance tolerance code M=±20%
第 9~10 位	交流额定电压代码 F2=300Vac	Digit 9 to 10	AC rated voltage code F2=300Vac
第 11 位	引线脚距代码 6=14.0    7=18.0 9=22.5    B=27.5	Digit 11	Pitch code 6=14.0    7=18.0 9=22.5    B=27.5
第 12 位	电阻代码	Digit 12	Resistor cord
第 13~16 位	引线加工及包装代码	Digit 13~16	Lead form and packing code

表 1                      引线加工和包装代码                      Table1                      Lead form and packing code

第13位 Digit13		第14位 Digit14		第15位 Digit15		第 16 位 Digit16	
代码 Code	说明 explanation	代码 Code	说明 explanation	代码 Code	说明 explanation	代码 Code	说明 explanation
B	散装或切脚 in bulk or cut lead (in bulk)	00	标准引线长度 15mm (min) standard lead length 15mm (min)			0	引线长度偏差 ±0.5mm Length tolerance ±0.5mm
		35	引线长度 3.5mm lead length 3.5mm				



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### ◆ 产品尺寸: Product Dimension:

CN ( $\mu$ F)	RN ( $\Omega$ )	300VAC					Part number
		W	H	T	P	d	
0.010	10~470	18.0	14.0	5.0	14.0	0.6	M61R103MF26#****
0.015	10~470	18.0	14.0	5.0	14.0	0.6	M61R153MF26#****
0.022	10~470	18.0	14.0	5.0	14.0	0.6	M61R223MF26#****
0.033	10~470	18.0	14.0	5.0	14.0	0.6	M61R333MF26#****
0.047	10~470	18.0	14.0	5.0	14.0	0.6	M61R473MF26#****
0.068	10~470	22.0	14.0	6.0	18.0	0.6	M61R683MF27#****
0.10	10~470	22.0	14.0	6.0	18.0	0.6	M61R104MF27#****
0.10	10~470	26.5	16.0	7.0	22.5	0.8	M61R104MF29#****
0.15	10~220	26.5	16.0	7.0	22.5	0.8	M61R154MF29#****
0.20	10~220	26.5	16.0	7.0	22.5	0.8	M61R204MF29#****
0.22	10~220	26.5	16.0	7.0	22.5	0.8	M61R224MF29#****
0.25	10~220	26.5	17.0	8.5	22.5	0.8	M61R254MF29#****
0.30	10~120	32.0	18.0	9.0	27.5	0.8	M61R304MF2B#****
0.33	10~120	32.0	18.0	9.0	27.5	0.8	M61R334MF2B#****
0.47	10~120	32.0	20.0	11.0	27.5	0.8	M61R474MF2B#****
0.50	10~120	32.0	20.0	11.0	27.5	0.8	M61R504MF2B#****
0.68	10~47	32.0	22.0	13.0	27.5	0.8	M61R684MF2B#****
1.0	10~27	32.0	22.0	13.0	27.5	0.8	M61R105MF2B#****

备注:

“\*\*\*\*”: 引线加工和包装代码 (见表 1)

“\*\*\*\*”= Lead form and packing code (refer to table 1)

“#”: 电阻值代码

“#” = Resistor code

电阻代码 R code	L	N	P	A	B	S	C	D	E	F	H
电阻值 RN( $\Omega$ )	10	22	27	47	51	68	100	120	220	470	1000