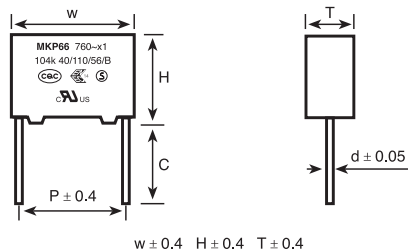


MKP66 Metallized Polypropylene Film Interference Suppression Capacitor

HUASING

金属化聚丙烯膜抗干扰电容器 (X1类, 760Vac)
Metallized Polypropylene Film Interference Suppression Capacitor (X1 Class, 760Vac)

外形图 Outline Drawing



特点

- 金属化聚丙烯
- 体积小
- 能承受过压冲击
- 优异的阻燃性能
- 广泛用于电源跨线路等抗干扰场合

Features

- Metallized polypropylene structure
- Compact size
- Withstanding overvoltage stressing
- Excellent active and passive flame resistant abilities
- Widely used in across-the-line, interference suppression circuit, etc.

安全认证 Safety Approvals

●		CQC (中国)	IEC 60384-14:2005, X1, 760Vac, 0.0010μF~2.2μF, 40/110/56/B 证书号(Certificate No.): CQC08001026517
●		ENEC-SEMKO (欧盟)	EN 60384-14:2005, X1, 760Vac, 0.0010μF~2.2μF, 40/110/56/B 证书号(Certificate No.): SE/0366-3A, Test Report No.: 916519
●		UL/CUL (美国/加拿大)	UL 60384-14:2009, CSA E60384-14:09, X1, 760Vac, 0.0010μF~2.2μF, 40/110/56/B 证书号(File No.): E186600, CCN: FOWX2/8

技术要求 Specifications

电容器类别 Class	X1 类		
气候类别 / 阻燃等级 Climatic Category/Passive Flammability Category	40/110/56/B		
工作温度范围 Operating Temperature Range	-40℃ ~ +110℃		
额定电压 U _R Rated Voltage	760Vac, 50/60Hz		
最大连续直流电压 Maximum continuous DC voltage	1 500Vdc		
电容量范围 Capacitance Range	0.0010μF ~ 2.2μF		
电容量偏差 Capacitance Tolerance	± 10%(K), ± 20%(M)		
耐电压 Voltage Proof	引线之间 Between Terminals:	4 250 (Vdc) (2s)	
	极壳之间 Between Terminals To Case:	3 020 (Vac) (1min)	
绝缘电阻 Insulation Resistance	R ≥ 15 000MΩ, C _N ≤ 0.33μF RC _N ≥ 5 000s, C _N > 0.33μF (20℃ ,500V, 1min)		
损耗角正切 Dissipation Factor	0.0010μF < C _N ≤ 0.47μF	≤ 15 x 10 ⁻⁴ (1kHz,20℃)	≤ 20 x 10 ⁻⁴ (10kHz,20℃)
	0.47μF < C _N ≤ 1.0μF	≤ 20 x 10 ⁻⁴ (1kHz,20℃)	≤ 40 x 10 ⁻⁴ (10kHz,20℃)
	1.0μF < C _N	≤ 30 x 10 ⁻⁴ (1kHz,20℃)	-----

产品编码说明 Part number system

■ 18位产品代码如下：

The 18 digits part number is formed as follow:

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
MKP	6	6															

第1~3位	型号代码	Digit 1 to 3	Series code
	MKP66		MKP66
第4~5位	交流额定电压	Digit 4 to 5	A.C. rated voltage
	V2=760V		V2=760V
第6~8位	标称容量	Digit 6 to 8	Rated capacitance value
	举例：103=10×10 ³ pF=0.01μF		For example: 103=10×10 ³ pf=0.01μF
第9位	容量偏差	Digit 9	Capacitance tolerance
	K=±10%, M=±20%		K=±10%, M=±20%
第10位	引线脚距P	Digit 10	Pitch
	6=15.0mm 9=22.5mm		6=15.0mm 9=22.5mm
	B=27.5mm F=37.5mm		B=27.5mm F=37.5mm
第11位	内部特征码	Digit 11	Internal use
第12~15位	引线加工和包装代码	Digit 12 to 15	Lead form and packaging code
第16~18位	内部特征码	Digit 16 to 18	Internal use

■ Table 1 引线加工和包装代码 lead form and packaging code

第 12 位 Digit 12		第 13 位 Digit 13		第 14 位 Digit 14		第 15 位 Digit 15	
代码 Code	说明 explanation	代码 Code	说明 explanation	代码 Code	说明 explanation	代码 Code	说明 explanation
A	弹带包装 ammo-pack	6	F=15.0mm	0	表示直脚 straight	5	P3=25.4mm, H=18.5mm (For pitch=15.0mm) (Detail parameter refer to pag 17)
C	直脚 straight lead “C” in the figure above	代码 Code	说明 explanation			0	引线长度偏差 ±0.5mm 或标准长度 Length tolerance ±0.5mm Or standard length
		00	标准的引线长度 (18mm ~ 26mm) standard lead length				
		45	引线长度 4.5mm lead length 4.5mm				

■ 外形尺寸 Dimensions (mm)

760Vac						
Cn	W	H	T	P	d	Part number
(uF)						
0.001	17.5	9.5	5	15	0.6	MKP66V2102-6S*****
0.0012	17.5	9.5	5	15	0.6	MKP66V2122-6S*****
0.0015	17.5	9.5	5	15	0.6	MKP66V2152-6S*****
0.0018	17.5	9.5	5	15	0.6	MKP66V2182-6S*****
0.0022	17.5	9.5	5	15	0.6	MKP66V2222-6S*****
0.0027	17.5	9.5	5	15	0.6	MKP66V2272-6S*****
0.0033	17.5	11	5	15	0.6	MKP66V2332-6S*****
0.0047	17.5	11	5	15	0.6	MKP66V2472-6S*****
0.0056	17.5	11	5	15	0.6	MKP66V2562-6S*****
0.0068	17.5	11	5	15	0.6	MKP66V2682-6S*****
0.0082	17.5	11	5	15	0.6	MKP66V2822-6S*****
0.01	17.5	11	5	15	0.6	MKP66V2103-6S*****
0.012	17.5	12	6	15	0.6	MKP66V2123-6S*****
0.015	17.5	12	6	15	0.6	MKP66V2153-6S*****
0.018	17.5	12	7	15	0.6	MKP66V2183-6S*****
0.022	17.5	13.5	7.5	15	0.6	MKP66V2223-6S*****
0.027	17.5	14	8.0	15	0.6	MKP66V2273-6S*****
0.033	17.5	14.5	8.5	15	0.6	MKP66V2333-6S*****
0.039	17.5	16	10	15	0.8	MKP66V2393-6S*****
0.047M	17.5	16	10	15	0.8	MKP66V2473M6S*****
0.047K	17.5	19	11	15	0.8	MKP66V2473K6S*****
0.056	17.5	19	11	15	0.8	MKP66V2563-6S*****
0.068M	17.5	19	11	15	0.8	MKP66V2683M6S*****
0.01	26.5	15	6	22.5	0.8	MKP66V2103-90*****
0.012	26.5	15	6	22.5	0.8	MKP66V2123-90*****
0.015	28.5	15	6	22.5	0.8	MKP66V2153-90*****
0.018	28.5	15	6	22.5	0.8	MKP66V2163-90*****
0.022	28.5	15	6	22.5	0.8	MKP66V2223-90*****
0.027	28.5	15	6	22.5	0.8	MKP66V2273-90*****
0.033	28.5	15	6	22.5	0.8	MKP66V2333-9S*****
0.039	28.5	15	6	22.5	0.8	MKP66V2393-9S*****
0.047	28.5	15	6	22.5	0.8	MKP66V2473-9S*****
0.056	28.5	16	7	22.5	0.8	MKP66V2563-9S*****
0.068	28.5	16	7	22.5	0.8	MKP66V2683-9S*****
0.082	28.5	17	6.5	22.5	0.8	MKP66V2823-9S*****
0.10M	28.5	17	6.5	22.5	0.8	MKP66V2104M9S*****
0.10K	28.5	18.5	10	22.5	0.8	MKP66V2104K9A*****
0.12	28.5	16.5	10	22.5	0.8	MKP66V2124-9S*****
0.15	28.5	20	11	22.5	0.8	MKP66V2154-9S*****
0.18	28.5	22	12	22.5	0.8	MKP66V2184-9S*****
0.22M	28.5	22	12	22.5	0.8	MKP66V2224M9S*****
0.22K	28.5	23	13.5	22.5	0.8	MKP66V2224K9S*****
0.27	28.5	24.5	15.5	22.5	0.8	MKP66V2274-9S*****
0.33M	26.5	29.5	14.5	22.5	0.8	MKP66V2334M9S*****

760Vac						
Cn	w	H	T	P	d	Part number
(uF)						
0.068	32	18	9	27.5	0.8	MKP66V26B3-B0*****
0.082	32	18	9	27.5	0.8	MKP66V2823-B0*****
0.1	32	18	9	27.5	0.8	MKP66V2104-B0*****
0.1	32	12	18	27.5	0.8	MKP66V2104-BC*****
0.12	32	18	9	27.5	0.8	MKP66V2124-B0*****
0.15M	32	12	18	27.5	0.8	MKP66V2154MBC*****
0.15K	32	12	22	27.5	0.8	MKP66V2154KBC*****
0.15	32	20	11	27.5	0.8	MKP66V2154-B0*****
0.18	32	20	11	27.5	0.8	MKP66V2184-B0*****
0.22	32	22	13	27.5	0.8	MKP66V2224-B0*****
0.22M	32	12	22	27.5	0.8	MKP66V2224MBC*****
0.22K	32	16	22	27.5	0.8	MKP66V2224KBC*****
0.27	32	22	13	27.5	0.8	MKP66V2274-B0*****
0.33	32	24.5	15	27.5	0.8	MKP66V2334-B0*****
0.33	32	28	14	27.5	0.8	MKP66V2334-BA*****
0.33	32	16	27.5	27.5	0.8	MKP66V2334-BC*****
0.39	32	28	17	27.5	0.8	MKP66V2394-BA*****
0.39	32	30	16	27.5	0.8	MKP66V2394-B0*****
0.47M	32	28	17	27.5	0.8	MKP66V2474MBA*****
0.47K	32	29	19	27.5	0.8	MKP66V2474KBA*****
0.47	32	30	16	27.5	0.8	MKP66V2474-B0*****
0.47	32	18.5	31	27.5	0.8	MKP66V2474-BC*****
0.56	32	33	18	27.5	0.8	MKP66V2564-B0*****
0.68	32	37	22	27.5	0.8	MKP66V2684-B0*****
0.33	41	26	12	37.5	1.0	MKP66V2334-FS*****
0.33	41	24	13	37.5	1.0	MKP66V2334-FA*****
0.33	42	15	24	37.5	1.0	MKP66V2334-FC*****
0.39	41	28	12	37.5	1.0	MKP66V2394-FS*****
0.39	41	24	13	37.5	1.0	MKP66V2394-FA*****
0.47M	41	15	24	37.5	1.0	MKP66V2474MFC*****
0.47	41	28	15	37.5	1.0	MKP66V2474-FS*****
0.47	42	28	14	37.5	1.0	MKP66V2474-FA*****
0.56	41	30	16	37.5	1.0	MKP66V2564-FS*****
0.68M	42	19	24	37.5	1.0	MKP66V2684MFC*****
0.68K	41	20	26	37.5	1.0	MKP66V2664KFC*****
0.68	41	30	16	37.5	1.0	MKP66V2684-FS*****
0.82	41	33.5	18.5	37.5	1.0	MKP66V2824-FS*****
1.0M	41	33.5	16.5	37.5	1.0	MKP66V2105MFS*****
1.0K	41	37	22	37.5	1.0	MKP66V2105KFS*****
1	42	24	32	37.5	1.0	MKP66V2105-FC*****
1.2	41	37	22	37.5	1.0	MKP66V2125-FS*****
1.5	41	41	28	37.5	1.0	MKP66V2155-FS*****
1.5	41.5	37.5	27.5	37.5	1.0	MKP66V2155-FA*****
1.8M	41	41	28	37.5	1.0	MKP66V2185MFS*****
1.8M	41.5	37.5	27.5	37.5	1.0	MKP66V2185MFA*****
1.8K	41	43	28	37.5	1.0	MKP66V2185KFS*****
2.2M	42	45	30	37.5	1.0	MKP66V2225MFS*****

备注：1. “-”表示容量偏差。 “-”=capacitance tolerance code, M=±20%,K=±10%

2. “*****”表示引线加工和包装代码（见table 1）。“*****”=lead form and packing code（refer to table 1）