



MKP66
Code: C46



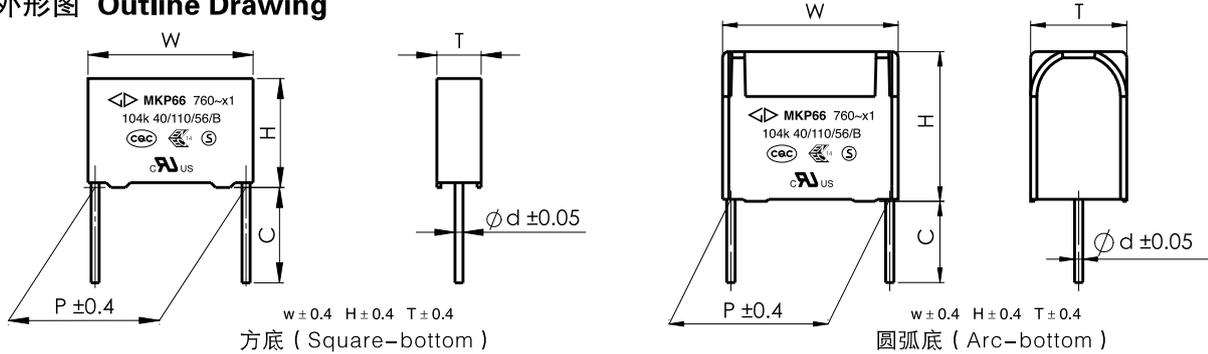
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金属化聚丙烯膜抗干扰电容器 (X1类, 760Vac) Metallized polypropylene film Interference Suppression capacitor (Class X1, 760Vac)

■ 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
- 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
- Used in across-the-line, interference suppression circuit

■ 安全认证 Safety Approvals

●		CQC (中国)	IEC 60384-14:2013, X1, 760Vac, 0.0010μF~10μF, 40/110/56/B 证书号(Certificate No.): CQC08001026517
●		ENEC-SEMKO (欧盟)	EN 60384-14:2013, X1, 760Vac, 0.0010μF~10μF, 40/110/56/B 证书号(Certificate No.): SE/0366-3B
●		UL/CUL (美国/加拿大)	UL 60384-14:2014, 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°C ~ +110°C		
额定电压 Rated Voltage (U _R)	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:	4.3U _R (dc), 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 R _{CN} ≥ 5 000s, C _N > 0.33μF (20°C , 500V, 1min)		
损耗角正切 Dissipation Factor (tan δ)	0.0010μF < C _N ≤ 0.47μF	≤ 10 × 10 ⁻⁴ (1kHz, 20°C)	≤ 20 × 10 ⁻⁴ (10kHz, 20°C)
	0.47μF < C _N ≤ 1.0μF	≤ 20 × 10 ⁻⁴ (1kHz, 20°C)	≤ 40 × 10 ⁻⁴ (10kHz, 20°C)
	1.0μF < C _N	≤ 30 × 10 ⁻⁴ (1kHz, 20°C)	-----



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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
C	4	6															

第1~3位	型号代码	Digit 1 to 3	Series code
	C46=MKP66		C46=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		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				



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■ 外形尺寸 Dimensions (mm)

760Vac						
C _N (μF)	W	H	T	P	d	Part number
0.0010	17.5	9.5	5.0	15.0	0.6	C46V2102-6S****+++
0.0012	17.5	9.5	5.0	15.0	0.6	C46V2122-6S****+++
0.0015	17.5	9.5	5.0	15.0	0.6	C46V2152-6S****+++
0.0018	17.5	9.5	5.0	15.0	0.6	C46V2182-6S****+++
0.0022	17.5	9.5	5.0	15.0	0.6	C46V2222-6S****+++
0.0027	17.5	9.5	5.0	15.0	0.6	C46V2272-6S****+++
0.0033	17.5	11.0	5.0	15.0	0.6	C46V2332-6S****+++
0.0047	17.5	11.0	5.0	15.0	0.6	C46V2472-6S****+++
0.0056	17.5	11.0	5.0	15.0	0.6	C46V2562-6S****+++
0.0068	17.5	11.0	5.0	15.0	0.6	C46V2682-6S****+++
0.0082	17.5	11.0	5.0	15.0	0.6	C46V2822-6S****+++
0.010	17.5	11.0	5.0	15.0	0.6	C46V2103-6S****+++
0.012	17.5	12.0	6.0	15.0	0.6	C46V2123-6S****+++
0.015	17.5	12.0	6.0	15.0	0.6	C46V2153-6S****+++
0.018	17.5	12.0	7.0	15.0	0.6	C46V2183-6S****+++
0.022	17.5	13.5	7.5	15.0	0.6	C46V2223-6S****+++
0.027	17.5	14.0	8.0	15.0	0.6	C46V2273-6S****+++
0.033	17.5	14.5	8.5	15.0	0.6	C46V2333-6S****+++
0.039	17.5	16.0	10.0	15.0	0.8	C46V2393-6S****+++
0.047M	17.5	16.0	10.0	15.0	0.8	C46V2473M6S****+++
0.047K	17.5	19.0	11.0	15.0	0.8	C46V2473K6S****+++
0.056	17.5	19.0	11.0	15.0	0.8	C46V2563-6S****+++
0.068M	17.5	19.0	11.0	15.0	0.8	C46V2683M6S****+++
0.010	26.5	15.0	6.0	22.5	0.8	C46V2103-90****+++
0.012	26.5	15.0	6.0	22.5	0.8	C46V2123-90****+++
0.015	26.5	15.0	6.0	22.5	0.8	C46V2153-90****+++
0.018	26.5	15.0	6.0	22.5	0.8	C46V2183-90****+++
0.022	26.5	15.0	6.0	22.5	0.8	C46V2223-90****+++
0.027	26.5	15.0	6.0	22.5	0.8	C46V2273-90****+++
0.033	26.5	15.0	6.0	22.5	0.8	C46V2333-9S****+++
0.039	26.5	15.0	6.0	22.5	0.8	C46V2393-9S****+++
0.047	26.5	15.0	6.0	22.5	0.8	C46V2473-9S****+++
0.056	26.5	16.0	7.0	22.5	0.8	C46V2563-9S****+++
0.068	26.5	16.0	7.0	22.5	0.8	C46V2683-9S****+++
0.082	26.5	17.0	8.5	22.5	0.8	C46V2823-9S****+++
0.10M	26.5	17.0	8.5	22.5	0.8	C46V2104M9S****+++
0.10K	26.5	18.5	10.0	22.5	0.8	C46V2104K9A****+++
0.12	26.5	18.5	10.0	22.5	0.8	C46V2124-9S****+++
0.15	26.5	20.0	11.0	22.5	0.8	C46V2154-9S****+++
0.18	26.5	22.0	12.0	22.5	0.8	C46V2184-9S****+++
0.22M	26.5	22.0	12.0	22.5	0.8	C46V2224M9S****+++
0.22K	26.5	23.0	13.5	22.5	0.8	C46V2224K9S****+++
0.27	26.5	24.5	15.5	22.5	0.8	C46V2274-9S****+++
0.33M	26.5	29.5	14.5	22.5	0.8	C46V2334M9S****+++

760Vac						
C _N (μF)	W	H	T	P	d	Part number
0.068	32.0	18.0	9.0	27.5	0.8	C46V2683-B0****+++
0.082	32.0	18.0	9.0	27.5	0.8	C46V2823-B0****+++
0.10	32.0	18.0	9.0	27.5	0.8	C46V2104-BS****+++
0.10	32.0	12.0	18.0	27.5	0.8	C46V2104-BC****+++
0.12	32.0	18.0	9.0	27.5	0.8	C46V2124-BS****+++
0.15M	32.0	12.0	18.0	27.5	0.8	C46V2154MBC****+++
★ 0.15K	32.0	12.0	22.0	27.5	0.8	C46V2154KBC****+++
0.15	32.0	20.0	11.0	27.5	0.8	C46V2154-BS****+++
0.18	32.0	20.0	11.0	27.5	0.8	C46V2184-BS****+++
0.22	32.0	22.0	13.0	27.5	0.8	C46V2224-BS****+++
★ 0.22M	32.0	12.0	22.0	27.5	0.8	C46V2224MBC****+++
★ 0.22K	32.0	16.0	22.0	27.5	0.8	C46V2224KBC****+++
0.27	32.0	22.0	13.0	27.5	0.8	C46V2274-BS****+++
0.33	32.0	24.5	15.0	27.5	0.8	C46V2334-BS****+++
0.33	32.0	28.0	14.0	27.5	0.8	C46V2334-BA****+++
★ 0.33	32.0	16.0	27.5	27.5	0.8	C46V2334-BC****+++
0.39	32.0	28.0	17.0	27.5	0.8	C46V2394-BA****+++
0.39	32.0	30.0	16.0	27.5	0.8	C46V2394-BS****+++
0.47M	32.0	28.0	17.0	27.5	0.8	C46V2474MBA****+++
0.47K	32.0	29.0	19.0	27.5	0.8	C46V2474KBA****+++
0.47	32.0	30.0	16.0	27.5	0.8	C46V2474-BS****+++
★ 0.47	32.0	18.5	31.0	27.5	0.8	C46V2474-BC****+++
0.56	32.0	33.0	18.0	27.5	0.8	C46V2564-BS****+++
0.68	32.0	37.0	22.0	27.5	0.8	C46V2684-BS****+++
0.33	41.0	26.0	12.0	37.5	1.0	C46V2334-FS****+++
0.33	41.0	24.0	13.0	37.5	1.0	C46V2334-FA****+++
0.33	42.0	15.0	24.0	37.5	1.0	C46V2334-FC****+++
0.39	41.0	26.0	12.0	37.5	1.0	C46V2394-FS****+++
0.39	41.0	24.0	13.0	37.5	1.0	C46V2394-FA****+++
0.47M	41.0	15.0	24.0	37.5	1.0	C46V2474MFC****+++
0.47	41.0	26.0	15.0	37.5	1.0	C46V2474-FS****+++
0.47	42.0	28.0	14.0	37.5	1.0	C46V2474-FA****+++
0.56	41.0	30.0	16.0	37.5	1.0	C46V2564-FS****+++
0.68M	42.0	19.0	24.0	37.5	1.0	C46V2684MFC****+++
0.68K	41.0	20.0	26.0	37.5	1.0	C46V2684KFC****+++
0.68	41.0	30.0	16.0	37.5	1.0	C46V2684-FS****+++
0.82	41.0	33.5	18.5	37.5	1.0	C46V2824-FS****+++
1.0M	41.0	33.5	18.5	37.5	1.0	C46V2105MFS****+++
1.0K	41.0	37.0	22.0	37.5	1.0	C46V2105KFS****+++
1.0	42.0	24.0	32.0	37.5	1.0	C46V2105-FC****+++
1.2	41.0	37.0	22.0	37.5	1.0	C46V2125-FS****+++
1.5	41.0	41.0	26.0	37.5	1.0	C46V2155-FS****+++
1.5	41.5	37.5	27.5	37.5	1.0	C46V2155-FA****+++
1.8M	41.0	41.0	26.0	37.5	1.0	C46V2185MFS****+++
1.8M	41.5	37.5	27.5	37.5	1.0	C46V2185MFA****+++
1.8K	41.0	43.0	28.0	37.5	1.0	C46V2185KFS****+++
2.2M	42.0	45.0	30.0	37.5	1.0	C46V2225MFS****+++

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)
 3. “★”表示外壳为圆弧底。“★”=Arc bottom of the outer shell.