

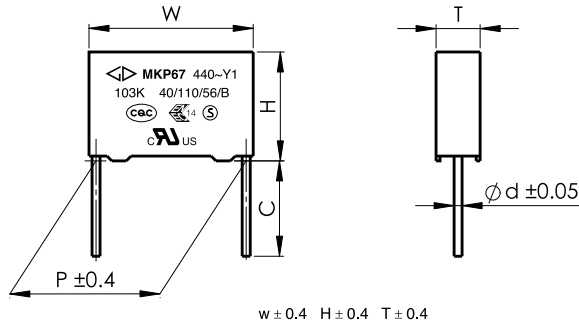


# MKP67

Code: C47

## 金属化聚丙烯膜抗干扰电容器 ( Y1类, 440Vac/500Vac ) Metallized polypropylene film Interference Suppression capacitor ( Class Y1,440Vac/500Vac )

### ■ 外形图 Outline Drawing



### ■ 特点

- 金属化聚丙烯
- 能承受过压冲击
- 优异的阻燃性能
- 广泛用于电源接地、旁路、天线耦合等抗干扰场合

### ■ Features

- Metallized polypropylene structure
- Withstanding overvoltage stressing
- Excellent active and passive flame resistant abilities
- Widely used in line to ground, line-by-pass, antenna coupling interference suppression circuit, etc

### ■ 安全认证 Safety Approvals

●		CQC (中国)	IEC 60384-14:2013, Y1, 440Vac/500Vac, 0.00047 μF~0.022 μF, 40/110/56/B 证书号(Certificate No.): CQC10001044432
●		ENEC-SEMKO (欧盟)	EN 60384-14:2013, Y1, 440Vac/500Vac, 0.00047 μF~0.022 μF, 40/110/56/B 证书号(Certificate No.): SE/0366-4A
●		UL/CUL (美国/加拿大)	UL 60384-14:2014, CSA E60384-14:09, Y1, 440Vac/500Vac, 0.00047 μF~0.022 μF, 40/110/56/B 证书号(File No.): E186600, CCN: FOWX2/8

### ■ 技术要求 Specifications

电容器类别 Class	Y1 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 <sub>R</sub> )	440Vac/500Vac, 50/60Hz	
最大连续直流电压 Maximum continuous DC voltage	3 000Vdc	
电容量范围 Capacitance Range	0.00047μF ~ 0.10μF	
电容量偏差 Capacitance Tolerance	± 10%(K), ± 20%(M)	
耐电压 Voltage Proof	引线之间 Between Terminals:	4 000Vac (2s)
	极壳之间 Between Terminals To Case:	4 000Vac (1min)
绝缘电阻 Insulation Resistance	R ≥ 15 000MΩ (20°C, 100V, 1min)	
损耗角正切 Dissipation Factor (tan δ)	≤ 10 × 10 <sup>-4</sup> (1kHz, 20°C)	≤ 20 × 10 <sup>-4</sup> (10kHz, 20°C)

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	7															

第1~3位	型号代码	Digit 1 to 3	Series code
	C47=MKP67		C47=MKP67
第4~5位	交流额定电压	Digit 4 to 5	AC rated voltage
	S1=440V H2=500V		S1=440V H2=500V
第6~8位	标称容量	Digit 6 to 8	Rated capacitance value
	举例：103=10 × 10 <sup>3</sup> pF=0.01μF		For example: 103=10 × 10 <sup>3</sup> 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 B=27.5 mm		6=15.0mm 9=22.5mm B=27.5 mm
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=10.0/15.0mm) (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				



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## ■ 外形尺寸 Dimensions ( mm )

440Vac/500Vac <sup>#</sup>						
C <sub>N</sub>	W	H	T	P	d	Part number
470pF	17.5	11.0	5.0	15.0	0.6	C47S1471-60****+++
560pF	17.5	11.0	5.0	15.0	0.6	C47S1561-60****+++
680pF	17.5	11.0	5.0	15.0	0.6	C47S1681-60****+++
820pF	17.5	11.0	5.0	15.0	0.6	C47S1821-60****+++
0.0010μF	17.5	11.0	5.0	15.0	0.6	C47S1102-60****+++
0.0012μF	17.5	11.0	5.0	15.0	0.6	C47S1122-60****+++
0.0015μF	17.5	11.0	5.0	15.0	0.6	C47S1152-60****+++
0.0018μF	17.5	12.0	6.0	15.0	0.6	C47S1182-60****+++
0.0020μF	17.5	12.0	6.0	15.0	0.6	C47S1202-60****+++
0.0022μF	17.5	12.0	6.0	15.0	0.6	C47S1222-60****+++
0.0025μF	17.5	12.0	6.0	15.0	0.6	C47S1252-60****+++
0.0027μF	17.5	13.5	7.5	15.0	0.6	C47S1272-60****+++
0.0028μF	17.5	13.5	7.5	15.0	0.6	C47S1282-60****+++
0.0033μF	17.5	13.5	7.5	15.0	0.6	C47S1332-60****+++
0.0039μF	17.5	13.5	7.5	15.0	0.6	C47S1392-60****+++
0.0040μF	17.5	13.5	7.5	15.0	0.6	C47S1402-60****+++
0.0047μF	17.5	14.0	8.0	15.0	0.6	C47S1472-60****+++
0.0050μF	17.5	14.5	8.5	15.0	0.6	C47S1502-60****+++
0.0056μF	17.5	14.5	8.5	15.0	0.6	C47S1562-60****+++
0.0068μF	17.5	16.0	10.0	15.0	0.8	C47S1682-60****+++
0.0082μF	17.5	19.0	11.0	15.0	0.8	C47S1822-60****+++
0.010μF	17.5	19.0	11.0	15.0	0.8	C47S1103-60****+++
0.0056μF	26.5	15.0	6.0	22.5	0.8	C47S1562-90****+++
0.0068μF	26.5	16.0	7.0	22.5	0.8	C47S1682-90****+++
0.0082μF	26.5	17.0	8.5	22.5	0.8	C47S1822-90****+++
0.010μF	26.5	17.0	8.5	22.5	0.8	C47S1103-90****+++
0.012μF	26.5	18.5	10.0	22.5	0.8	C47S1123-90****+++
0.015μF	26.5	18.5	10.0	22.5	0.8	C47S1153-90****+++
0.018μF	26.5	20.0	11.0	22.5	0.8	C47S1183-90****+++
0.022μF	26.5	22.0	12.0	22.5	0.8	C47S1223-90****+++
▲ 0.022μF	32.0	20.0	11.0	27.5	0.8	C47S1223-B0****+++
▲ 0.033μF	32.0	22.0	13.0	27.5	0.8	C47S1333-B0****+++
▲ 0.047μF	32.0	28.0	14.0	27.5	0.8	C47S1473-B0****+++
▲ 0.068μF	32.0	33.0	18.0	27.5	0.8	C47S1683-B0****+++
▲ 0.10μF	32.0	37.0	22.0	27.5	0.8	C47S1104-B0****+++

- 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. “#”当额定电压为500Vac时,第4~5位是H2。“#” when the rated voltage is 500Vac,the digit 4~5 is H2.  
 4. “▲”表示无认证。“▲” indicates no approval