



規格承認書

(SPECIFICATION FOR APPROVAL)

File No.: Q/BH .TS16949.13TECH1303

Product Name: Metallized polypropylene film Interference suppression capacitor (Class Y1 , 440Vac)

Product Type: C47 (MKP67-Y1)

Product Code: C47

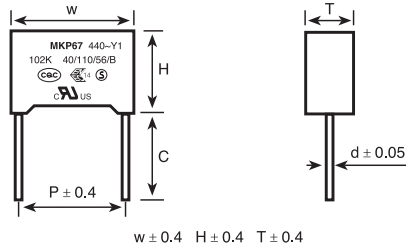
Customer:

Customer Code:

Issue Date: (V3.0)

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

■ 外形图 Outline Drawing



■ 特点

- 金属化聚丙烯膜
- 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 film
- 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 60384-14:2005, Y1, 440Vac, 0.00047μF~0.022μF, 40/110/56/B 证书号(Certificate No.): CQC100010444
●		ENEC-SEMKO (欧盟)	EN 60384-14:2005, Y1, 440Vac, 0.00047μF~0.022μF, 40/110/56/B 证书号(Certificate No.): SE/0366-4, Test Report No.: 10241
●		UL/CUL (美国/加拿大)	UL 60384-14:2009, CSA E60384-14:09, Y1, 440Vac, 0.00047μF~0.022μF, 40/110/56/B 证书号(File No.): E186600, CCN: FOWX
●	CB TEST CERTIFICATE		IEC 60384-14:2005, Y1, 440Vac, 0.00047μF~0.022μF, 40/110/56/B 证书号(Certificate No.): SE-641

■ 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	440 Vac, 50/60Hz	
最大连续交流电压 Maximum continuous AC voltage	900 Vac, 50/60Hz	
最大连续直流电压 Maximum continuous DC voltage	3 000 Vdc	
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(60s)
绝缘电阻Insulation Resistance	R ≥ 15 000MΩ	(20°C, 100V, 1min)
损耗角正切Dissipation Factor	≤ 10 × 10 ⁻⁴ (1kHz, 20°C)	≤ 20 × 10 ⁻⁴ (10kHz, 20°C)



MKP67
Code: C47

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 C47=MKP67	Digit 1 to 3	Series code C47=MKP67
第4~5位	交流额定电压 S1=440V	Digit 4 to 5	AC rated voltage S1=440V
第6~8位	标称容量 举例: 103=10 × 10 ³ pF=0.01μF	Digit 6 to 8	Rated capacitance value For example : 103=10 × 10 ³ pF=0.01μF
第9位	容量偏差 K= ± 10%, M= ± 20%	Digit 9	Capacitance tolerance K= ± 10%, M= ± 20%
第10位	引线脚距P 6=15.0mm 9=22.5mm B=27.5mm	Digit 10	Pitch 6=15.0mm 9=22.5mm B=27.5mm
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

■ Table1 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				



MKP67

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<http://www.cgznc.com>

■ 外形尺寸 Dimensions(mm)

440Vac						
CR	W	H	T	P	d	Part number
470 pF	17.5	11.0	5.0	15.0	0.6	C47S1471-60****+++
560 pF	17.5	11.0	5.0	15.0	0.6	C47S1561-60****+++
680 pF	17.5	11.0	5.0	15.0	0.6	C47S1681-60****+++
820 pF	17.5	11.0	5.0	15.0	0.6	C47S1821-60****+++
0.0010 μF	17.5	11.0	5.0	15.0	0.6	C47S1102-60****+++
0.0012 μF	17.5	11.0	5.0	15.0	0.6	C47S1122-60****+++
0.0015 μF	17.5	11.0	5.0	15.0	0.6	C47S1152-60****+++
0.0018 μF	17.5	12.0	6.0	15.0	0.6	C47S1182-60****+++
0.0020 μF	17.5	12.0	6.0	15.0	0.6	C47S1202-60****+++
0.0022 μF	17.5	12.0	6.0	15.0	0.6	C47S1222-60****+++
0.0025 μF	17.5	12.0	6.0	15.0	0.6	C47S1252-60****+++
0.0027 μF	17.5	13.5	7.5	15.0	0.6	C47S1272-60****+++
0.0028 μF	17.5	13.5	7.5	15.0	0.6	C47S1282-60****+++
0.0033 μF	17.5	13.5	7.5	15.0	0.6	C47S1332-60****+++
0.0039 μF	17.5	13.5	7.5	15.0	0.6	C47S1392-60****+++
0.0040 μF	17.5	13.5	7.5	15.0	0.6	C47S1402-60****+++
0.0047 μF	17.5	14.0	8.0	15.0	0.6	C47S1472-60****+++
0.0050 μF	17.5	14.5	8.5	15.0	0.6	C47S1502-60****+++
0.0056 μF	17.5	14.5	8.5	15.0	0.6	C47S1562-60****+++
0.0068 μF	17.5	16.0	10.0	15.0	0.8	C47S1682-60****+++
0.0082 μF	17.5	19.0	11.0	15.0	0.8	C47S1822-60****+++
0.010 μF	17.5	19.0	11.0	15.0	0.8	C47S1103-60****+++
0.0056 μF	26.5	15.0	6.0	22.5	0.8	C47S1562-90****+++
0.0068 μF	26.5	16.0	7.0	22.5	0.8	C47S1682-90****+++
0.0082 μF	26.5	17.0	8.5	22.5	0.8	C47S1822-90****+++
0.010 μF	26.5	17.0	8.5	22.5	0.8	C47S1103-90****+++
0.012 μF	26.5	18.5	10.0	22.5	0.8	C47S1123-90****+++
0.015 μF	26.5	18.5	10.0	22.5	0.8	C47S1153-90****+++
0.018 μF	26.5	20.0	11.0	22.5	0.8	C47S1183-90****+++
0.022 μF	26.5	22.0	12.0	22.5	0.8	C47S1223-90****+++
▲0.022 μF	32.0	20.0	11.0	27.5	0.8	C47S1223-B0****+++
▲0.033 μF	32.0	22.0	13.0	27.5	0.8	C47S1333-B0****+++
▲0.047 μF	32.0	28.0	14.0	27.5	0.8	C47S1473-B0****+++
▲0.068 μF	32.0	33.0	18.0	27.5	0.8	C47S1683-B0****+++
▲0.10 μF	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. “▲”表示无认证。“▲” indicates no approval