

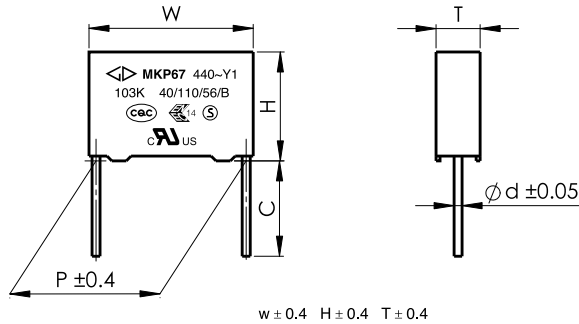


MKP67

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 _R) | 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 ⁻⁴ (1kHz, 20°C) | ≤ 20 × 10 ⁻⁴ (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 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 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 [#] | | | | | | |
|----------------------------|------|------|------|------|-----|--------------------|
| C _N | 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

单击下面可查看定价，库存，交付和生命周期等信息

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