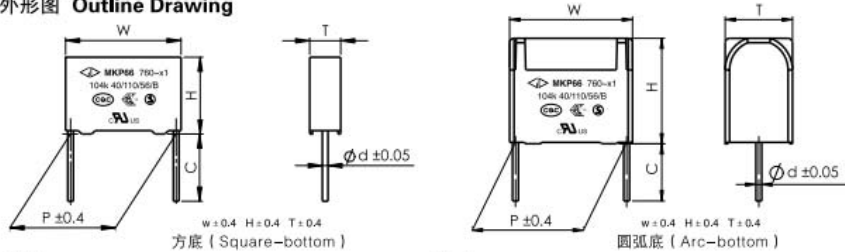




**金属化聚丙烯膜抗干扰电容器 (X1类, 760Vac)**  
**Metallized polypropylene film Interference**  
**Suppression capacitor (Class X1,760Vac)**

■ 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<br>(中国)        | IEC 60384-14:2013, X1, 760Vac, 0.0010μF-10μF, 40/110/56/B<br>证书号(Certificate No.): CQC08001026517                   |
| ● |  | ENEC-SEMKO<br>(欧盟) | EN 60384-14:2013, X1, 760Vac, 0.0010μF-10μF, 40/110/56/B<br>证书号(Certificate No.): SE/0366-3B                        |
| ● |  | UL/CUL<br>(美国/加拿大) | UL 60384-14:2014, CSA E60384-14:09, X1, 760Vac, 0.0010μF-2.2μF, 40/110/56/B<br>证书号(File No.): E186600, CCN: FOWX2/B |

■ 技术要求 Specifications

|  |   |                                     |                                      |                                      |
|--|---|-------------------------------------|--------------------------------------|--------------------------------------|
| 电容器类别 Class  | X1 类  |                                     |                                      |                                      |
| 气候类别 / 阻燃等级<br>Climatic Category/Passive Flammability Category | 40/110/56/B   |                                     |                                      |                                      |
| 工作温度范围<br>Operating Temperature Range                          | -40°C ~ +110°C  |                                     |                                      |                                      |
| 额定电压 Rated Voltage (U <sub>R</sub> )                           | 760Vac, 50/60Hz   |                                     |                                      |                                      |
| 最大连续直流电压<br>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 <sub>R</sub> (dc), 2s          |                                      |                                      |
|  | 极壳之间 Between Terminals To Case:   | 3 020 (Vac) , 1min                  |                                      |                                      |
| 绝缘电阻 Insulation Resistance                                     | R ≥ 15 000MΩ, C <sub>N</sub> ≤ 0.33μF<br>RC <sub>N</sub> ≥ 5 000s, C <sub>N</sub> > 0.33μF (20°C, 500V, 1min) |                                     |                                      |                                      |
|  | 损耗角正切 Dissipation Factor (tan δ)  | 0.0010μF < C <sub>N</sub> ≤ 0.47μF  | ≤ 10 × 10 <sup>-4</sup> (1kHz,20°C)  | ≤ 20 × 10 <sup>-4</sup> (10kHz,20°C) |
|  | 0.47μF < C <sub>N</sub> ≤ 1.0μF   | ≤ 20 × 10 <sup>-4</sup> (1kHz,20°C) | ≤ 40 × 10 <sup>-4</sup> (10kHz,20°C) |                                      |
|  | 1.0μF < C <sub>N</sub>  | ≤ 30 × 10 <sup>-4</sup> (1kHz,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 | 6 |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |

|         |   |                |  |
|---------|---|----------------|--|
| 第1~3位   | 型号代码<br>C46=MKP66                               | Digit 1 to 3   | Series code<br>C46=MKP66   |
| 第4~5位   | 交流额定电压<br>V2=760V                               | Digit 4 to 5   | A.C. rated voltage<br>V2=760V  |
| 第6~8位   | 标称容量<br>举例: 103=10 × 10 <sup>3</sup> pF=0.01μF  | Digit 6 to 8   | Rated capacitance value<br>For example: 103=10 × 10 <sup>3</sup> pf=0.01μF |
| 第9位     | 容量偏差<br>K= ± 10%, M= ± 20%                      | Digit 9        | Capacitance tolerance<br>K= ± 10%, M= ± 20%                                |
| 第10位    | 引线脚距P<br>6=15.0mm 9=22.5mm<br>B=27.5mm F=37.5mm | Digit 10       | Pitch<br>6=15.0mm 9=22.5mm<br>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<br>ammo-pack                                 | 6               | F=15.0mm                                      | 0               | 表示直脚<br>straight | 5   | P3=25.4mm, H=18.5mm (For pitch=15.0mm)<br>(Detail parameter refer to pag 17) |
| C               | 直脚<br>straight lead<br>"C" in the<br>figure above | 代码 Code         | 说明 explanation                                |                 | 0                | 引线长度偏差 ± 0.5mm<br>或标准长度<br>Length tolerance ± 0.5mm<br>Or standard length |  |
|                 |   | 00              | 标准的引线长度 (18mm ~ 26mm)<br>standard lead length |                 |                  |   |  |
|                 |   | 45              | 引线长度 4.5mm<br>lead length 4.5mm               |                 |                  |   |  |



**MKP66**  
Code: C46

■ 外形尺寸 Dimensions ( mm )

| 760Vac                       |      |      |      |      |     |                  | 760Vac                       |      |      |      |      |     |                  |
|------------------------------|------|------|------|------|-----|------------------|------------------------------|------|------|------|------|-----|------------------|
| C <sub>s</sub><br>( $\mu$ F) | W    | H    | T    | P    | d   | Part number      | C <sub>s</sub><br>( $\mu$ F) | W    | H    | T    | P    | d   | Part number      |
| 0.0010                       | 17.5 | 9.5  | 5.0  | 15.0 | 0.6 | C46V2102-6S****+ | 0.068                        | 32.0 | 18.0 | 9.0  | 27.5 | 0.8 | C46V2683-B0****+ |
| 0.0012                       | 17.5 | 9.5  | 5.0  | 15.0 | 0.6 | C46V2122-6S****+ | 0.082                        | 32.0 | 18.0 | 9.0  | 27.5 | 0.8 | C46V2623-B0****+ |
| 0.0015                       | 17.5 | 9.5  | 5.0  | 15.0 | 0.6 | C46V2152-6S****+ | 0.10                         | 32.0 | 18.0 | 9.0  | 27.5 | 0.8 | C46V2104-BS****+ |
| 0.0018                       | 17.5 | 9.5  | 5.0  | 15.0 | 0.6 | C46V2182-6S****+ | 0.10                         | 32.0 | 12.0 | 18.0 | 27.5 | 0.8 | C46V2104-BC****+ |
| 0.0022                       | 17.5 | 9.5  | 5.0  | 15.0 | 0.6 | C46V2222-6S****+ | 0.12                         | 32.0 | 18.0 | 9.0  | 27.5 | 0.8 | C46V2124-BS****+ |
| 0.0027                       | 17.5 | 9.5  | 5.0  | 15.0 | 0.6 | C46V2272-6S****+ | 0.15M                        | 32.0 | 12.0 | 18.0 | 27.5 | 0.8 | C46V2154MBC****+ |
| 0.0033                       | 17.5 | 11.0 | 5.0  | 15.0 | 0.6 | C46V2332-6S****+ | ★ 0.15K                      | 32.0 | 12.0 | 22.0 | 27.5 | 0.8 | C46V2154KBC****+ |
| 0.0047                       | 17.5 | 11.0 | 5.0  | 15.0 | 0.6 | C46V2472-6S****+ | 0.15                         | 32.0 | 20.0 | 11.0 | 27.5 | 0.8 | C46V2154-BS****+ |
| 0.0056                       | 17.5 | 11.0 | 5.0  | 15.0 | 0.6 | C46V2562-6S****+ | 0.18                         | 32.0 | 20.0 | 11.0 | 27.5 | 0.8 | C46V2184-BS****+ |
| 0.0068                       | 17.5 | 11.0 | 5.0  | 15.0 | 0.6 | C46V2682-6S****+ | 0.22                         | 32.0 | 22.0 | 13.0 | 27.5 | 0.8 | C46V2224-BS****+ |
| 0.0082                       | 17.5 | 11.0 | 5.0  | 15.0 | 0.6 | C46V2822-6S****+ | ★ 0.22M                      | 32.0 | 12.0 | 22.0 | 27.5 | 0.8 | C46V2224MBC****+ |
| 0.010                        | 17.5 | 11.0 | 5.0  | 15.0 | 0.6 | C46V2103-6S****+ | ★ 0.22K                      | 32.0 | 16.0 | 22.0 | 27.5 | 0.8 | C46V2224KBC****+ |
| 0.012                        | 17.5 | 12.0 | 6.0  | 15.0 | 0.6 | C46V2123-6S****+ | 0.27                         | 32.0 | 22.0 | 13.0 | 27.5 | 0.8 | C46V2274-BS****+ |
| 0.015                        | 17.5 | 12.0 | 6.0  | 15.0 | 0.6 | C46V2153-6S****+ | 0.33                         | 32.0 | 24.5 | 15.0 | 27.5 | 0.8 | C46V2334-BS****+ |
| 0.018                        | 17.5 | 12.0 | 7.0  | 15.0 | 0.6 | C46V2183-6S****+ | 0.33                         | 32.0 | 28.0 | 14.0 | 27.5 | 0.8 | C46V2334-BA****+ |
| 0.022                        | 17.5 | 13.5 | 7.5  | 15.0 | 0.6 | C46V2223-6S****+ | ★ 0.33                       | 32.0 | 16.0 | 27.5 | 27.5 | 0.8 | C46V2334-BC****+ |
| 0.027                        | 17.5 | 14.0 | 8.0  | 15.0 | 0.6 | C46V2273-6S****+ | 0.39                         | 32.0 | 28.0 | 17.0 | 27.5 | 0.8 | C46V2394-BA****+ |
| 0.033                        | 17.5 | 14.5 | 8.5  | 15.0 | 0.6 | C46V2333-6S****+ | 0.39                         | 32.0 | 30.0 | 16.0 | 27.5 | 0.8 | C46V2394-BS****+ |
| 0.039                        | 17.5 | 16.0 | 10.0 | 15.0 | 0.8 | C46V2393-6S****+ | 0.47M                        | 32.0 | 28.0 | 17.0 | 27.5 | 0.8 | C46V2474MBA****+ |
| 0.047M                       | 17.5 | 16.0 | 10.0 | 15.0 | 0.8 | C46V2473M6S****+ | 0.47K                        | 32.0 | 29.0 | 19.0 | 27.5 | 0.8 | C46V2474KBA****+ |
| 0.047K                       | 17.5 | 19.0 | 11.0 | 15.0 | 0.8 | C46V2473K6S****+ | 0.47                         | 32.0 | 30.0 | 16.0 | 27.5 | 0.8 | C46V2474-FS****+ |
| 0.056                        | 17.5 | 19.0 | 11.0 | 15.0 | 0.8 | C46V2563-6S****+ | ★ 0.47                       | 32.0 | 18.5 | 31.0 | 27.5 | 0.8 | C46V2474-BC****+ |
| 0.068M                       | 17.5 | 19.0 | 11.0 | 15.0 | 0.8 | C46V2683M6S****+ | 0.56                         | 32.0 | 33.0 | 18.0 | 27.5 | 0.8 | C46V2564-BS****+ |
| 0.010                        | 26.5 | 15.0 | 6.0  | 22.5 | 0.8 | C46V2103-9S****+ | 0.68                         | 32.0 | 37.0 | 22.0 | 27.5 | 0.8 | C46V2684-BS****+ |
| 0.012                        | 26.5 | 15.0 | 6.0  | 22.5 | 0.8 | C46V2123-9S****+ | 0.33                         | 41.0 | 26.0 | 12.0 | 37.5 | 1.0 | C46V2334-FS****+ |
| 0.015                        | 26.5 | 15.0 | 6.0  | 22.5 | 0.8 | C46V2153-9S****+ | 0.33                         | 41.0 | 24.0 | 13.0 | 37.5 | 1.0 | C46V2334-FA****+ |
| 0.018                        | 26.5 | 15.0 | 6.0  | 22.5 | 0.8 | C46V2183-9S****+ | 0.33                         | 42.0 | 15.0 | 24.0 | 37.5 | 1.0 | C46V2334-FC****+ |
| 0.022                        | 26.5 | 15.0 | 6.0  | 22.5 | 0.8 | C46V2223-9S****+ | 0.39                         | 41.0 | 26.0 | 12.0 | 37.5 | 1.0 | C46V2394-FS****+ |
| 0.027                        | 26.5 | 15.0 | 6.0  | 22.5 | 0.8 | C46V2273-9S****+ | 0.39                         | 41.0 | 24.0 | 13.0 | 37.5 | 1.0 | C46V2394-FA****+ |
| 0.033                        | 26.5 | 15.0 | 6.0  | 22.5 | 0.8 | C46V2333-9S****+ | 0.47M                        | 41.0 | 15.0 | 24.0 | 37.5 | 1.0 | C46V2474MFC****+ |
| 0.039                        | 26.5 | 15.0 | 6.0  | 22.5 | 0.8 | C46V2393-9S****+ | 0.47                         | 41.0 | 26.0 | 15.0 | 37.5 | 1.0 | C46V2474-FS****+ |

|       |      |      |      |      |     |                  |
|-------|------|------|------|------|-----|------------------|
| 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****+ |

|       |      |      |      |      |     |                  |
|-------|------|------|------|------|-----|------------------|
| 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.