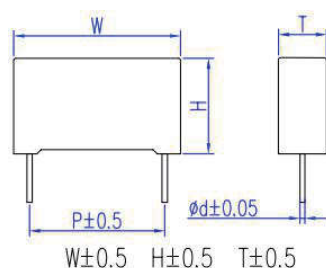




## 金属化聚丙烯膜抗干扰电容器 (Y2 类, 300VAC)

Metallized polypropylene film interference suppression capacitor (Y2,300VAC)



### ■ 特点 Features

|                        |                                                                                                      |
|------------------------|------------------------------------------------------------------------------------------------------|
| 金属化聚丙烯                 | Metallized polypropylene structure                                                                   |
| 能承受过压冲击                | Withstanding overvoltage stressing                                                                   |
| 优异的阻燃性能                | Excellent active and passive flame resistant abilities                                               |
| 广泛用于电源接地、旁路、天线耦合等抗干扰场合 | Widely used in line to ground, line-by-pass, antenna coupling interference suppression circuit, etc. |

### ■ 技术要求 Specifications

|                                                             |                                                                                                                  |                   |                                       |
|-------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|-------------------|---------------------------------------|
| 气候类别 / 阻燃等级 Climate Category/ Passive Flammability Category | 40/110/56/B                                                                                                      |                   |                                       |
| 工作温度范围<br>Operating Temperature Range                       | -40℃ ~+110℃                                                                                                      |                   |                                       |
| 额定电压 Rated Voltage(U <sub>R</sub> )                         | 300VAC,50/60Hz                                                                                                   |                   |                                       |
| 额定直流电压 Rated DC Voltage                                     | 1000VDC                                                                                                          |                   |                                       |
| 电容量范围 Capacitance Range                                     | 0.0010 μ F~1.0 μ F                                                                                               |                   |                                       |
| 电容量偏差 Capacitance Tolerance                                 | ± 10%(K), ± 20%(M)                                                                                               |                   |                                       |
| 耐电压 Voltage Proof                                           | 引线之间<br>Between<br>Terminals:                                                                                    | 2000VAC<br>(2s)or | 4000VDC(2s),C <sub>N</sub> ≤ 0.33 μ F |
|                                                             |                                                                                                                  |                   | 3700VDC(2s),C <sub>N</sub> >0.33 μ F  |
|                                                             | 极壳之间<br>Between<br>Terminals to<br>Case:                                                                         | 2500VAC(1min)     |                                       |
| 绝缘电阻 Insulation Resistance                                  | R ≥ 15000MΩ ,C <sub>N</sub> ≤ 0.33 μ F<br>R · C <sub>N</sub> ≥ 5000s,C <sub>N</sub> >0.33 μ F (20℃ ,100VDC,1min) |                   |                                       |
| 损耗角正切 Dissipation Factor(tan δ )                            | ≤ 30 × 10 <sup>-4</sup> (1kHz,20℃ )                                                                              |                   | ≤ 40 × 10 <sup>-4</sup> (10kHz,20℃ )  |



## ■ 外形尺寸 Dimensions (mm)

### 标准型 Standard Version

| 300VAC              |      |      |      |      |     |                  | 300VAC              |      |      |      |      |     |                  |
|---------------------|------|------|------|------|-----|------------------|---------------------|------|------|------|------|-----|------------------|
| C <sub>N</sub> (μF) | W    | H    | T    | P    | d   | Part number      | C <sub>N</sub> (μF) | W    | H    | T    | P    | d   | Part number      |
| 0.0010              | 10.0 | 9.0  | 4.0  | 7.5  | 0.6 | MKPY2300102***** | 0.068               | 18.0 | 16.0 | 10.0 | 15.0 | 0.8 | MKPY2300683***** |
| 0.0012              | 10.0 | 9.0  | 4.0  | 7.5  | 0.6 | MKPY2300122***** | 0.082               | 18.0 | 19.0 | 11.0 | 15.0 | 0.8 | MKPY2300823***** |
| 0.0015              | 10.0 | 9.0  | 4.0  | 7.5  | 0.6 | MKPY2300152***** | 0.033               | 26.5 | 15.0 | 6.0  | 22.5 | 0.8 | MKPY2300333***** |
| 0.0018              | 10.0 | 9.0  | 4.0  | 7.5  | 0.6 | MKPY2300182***** | 0.039               | 26.5 | 15.0 | 6.0  | 22.5 | 0.8 | MKPY2300393***** |
| 0.0022              | 10.0 | 9.0  | 4.0  | 7.5  | 0.6 | MKPY2300222***** | 0.047               | 26.5 | 15.0 | 6.0  | 22.5 | 0.8 | MKPY2300473***** |
| 0.0027              | 10.0 | 9.0  | 4.0  | 7.5  | 0.6 | MKPY2300272***** | 0.056               | 26.5 | 15.0 | 6.0  | 22.5 | 0.8 | MKPY2300563***** |
| 0.0033              | 10.0 | 11.0 | 5.0  | 7.5  | 0.6 | MKPY2300332***** | 0.068               | 26.5 | 15.0 | 6.0  | 22.5 | 0.8 | MKPY2300683***** |
| 0.0039              | 10.0 | 11.0 | 5.0  | 7.5  | 0.6 | MKPY2300392***** | 0.068               | 26.5 | 16.5 | 7.0  | 22.5 | 0.8 | MKPY2300683***** |
| 0.0047              | 10.0 | 12.0 | 6.0  | 7.5  | 0.6 | MKPY2300472***** | 0.082               | 26.5 | 16.5 | 7.0  | 22.5 | 0.8 | MKPY2300823***** |
| 0.0056              | 10.0 | 12.0 | 6.0  | 7.5  | 0.6 | MKPY2300562***** | 0.10                | 26.5 | 17.0 | 8.5  | 22.5 | 0.8 | MKPY2300104***** |
| 0.0010              | 13.0 | 9.0  | 4.0  | 10.0 | 0.6 | MKPY2300102***** | 0.12                | 26.5 | 17.0 | 8.5  | 22.5 | 0.8 | MKPY2300124***** |
| 0.0012              | 13.0 | 9.0  | 4.0  | 10.0 | 0.6 | MKPY2300122***** | 0.15                | 26.5 | 19.0 | 10.0 | 22.5 | 0.8 | MKPY2300154***** |
| 0.0015              | 13.0 | 9.0  | 4.0  | 10.0 | 0.6 | MKPY2300152***** | 0.18                | 26.0 | 20.0 | 11.0 | 22.5 | 0.8 | MKPY2300184***** |
| 0.0018              | 13.0 | 9.0  | 4.0  | 10.0 | 0.6 | MKPY2300182***** | 0.22                | 26.0 | 22.0 | 12.0 | 22.5 | 0.8 | MKPY2300224***** |
| 0.0022              | 13.0 | 9.0  | 4.0  | 10.0 | 0.6 | MKPY2300222***** | 0.27                | 26.5 | 23.0 | 13.0 | 22.5 | 0.8 | MKPY2300274***** |
| 0.0027              | 13.0 | 9.0  | 4.0  | 10.0 | 0.6 | MKPY2300272***** | 0.33                | 26.0 | 25.0 | 15.0 | 22.5 | 0.8 | MKPY2300334***** |
| 0.0033              | 13.0 | 9.0  | 4.0  | 10.0 | 0.6 | MKPY2300332***** | 0.10                | 32.0 | 20.0 | 11.0 | 27.5 | 0.8 | MKPY2300104***** |
| 0.0039              | 13.0 | 9.0  | 4.0  | 10.0 | 0.6 | MKPY2300392***** | 0.12                | 32.0 | 20.0 | 11.0 | 27.5 | 0.8 | MKPY2300124***** |
| 0.0047              | 13.0 | 11.0 | 5.0  | 10.0 | 0.6 | MKPY2300472***** | 0.15                | 32.0 | 20.0 | 11.0 | 27.5 | 0.8 | MKPY2300154***** |
| 0.0056              | 13.0 | 11.0 | 5.0  | 10.0 | 0.6 | MKPY2300562***** | 0.18                | 32.0 | 20.0 | 11.0 | 27.5 | 0.8 | MKPY2300184***** |
| 0.0068              | 13.0 | 11.0 | 5.0  | 10.0 | 0.6 | MKPY2300682***** | 0.22                | 32.0 | 20.0 | 11.0 | 27.5 | 0.8 | MKPY2300224***** |
| 0.0082              | 13.0 | 12.0 | 6.0  | 10.0 | 0.6 | MKPY2300822***** | 0.27                | 32.0 | 20.0 | 11.0 | 27.5 | 0.8 | MKPY2300274***** |
| 0.010               | 13.0 | 12.0 | 6.0  | 10.0 | 0.6 | MKPY2300103***** | 0.27                | 32.0 | 22.0 | 13.0 | 27.5 | 0.8 | MKPY2300274***** |
| 0.015               | 13.0 | 12.0 | 6.0  | 10.0 | 0.6 | MKPY2300153***** | 0.33                | 32.0 | 22.0 | 13.0 | 27.5 | 0.8 | MKPY2300334***** |
| 0.0022              | 18.0 | 10.0 | 5.0  | 15.0 | 0.6 | MKPY2300222***** | 0.33                | 32.0 | 25.0 | 14.0 | 27.5 | 0.8 | MKPY2300334***** |
| 0.0027              | 18.0 | 10.0 | 5.0  | 15.0 | 0.6 | MKPY2300272***** | 0.33                | 32.0 | 24.5 | 15.0 | 27.5 | 0.8 | MKPY2300334***** |
| 0.0033              | 18.0 | 10.0 | 5.0  | 15.0 | 0.6 | MKPY2300332***** | 0.39                | 32.0 | 24.5 | 15.0 | 27.5 | 0.8 | MKPY2300394***** |
| 0.0039              | 18.0 | 10.0 | 5.0  | 15.0 | 0.6 | MKPY2300392***** | 0.39                | 32.0 | 28.0 | 14.0 | 27.5 | 0.8 | MKPY2300394***** |
| 0.0047              | 18.0 | 10.0 | 5.0  | 15.0 | 0.6 | MKPY2300472***** | 0.47                | 32.0 | 24.5 | 15.0 | 27.5 | 0.8 | MKPY2300474***** |
| 0.0056              | 18.0 | 10.0 | 5.0  | 15.0 | 0.6 | MKPY2300562***** | 0.47                | 32.0 | 28.0 | 14.0 | 27.5 | 0.8 | MKPY2300474***** |
| 0.0068              | 18.0 | 10.0 | 5.0  | 15.0 | 0.6 | MKPY2300682***** | 0.47                | 32.0 | 28.0 | 18.0 | 27.5 | 0.8 | MKPY2300474***** |
| 0.0082              | 18.0 | 10.0 | 5.0  | 15.0 | 0.6 | MKPY2300822***** | 0.56                | 32.0 | 28.0 | 18.0 | 27.5 | 0.8 | MKPY2300564***** |
| 0.010               | 18.0 | 10.0 | 5.0  | 15.0 | 0.6 | MKPY2300103***** | 0.68                | 32.0 | 31.0 | 21.0 | 27.5 | 0.8 | MKPY2300684***** |
| 0.012               | 18.0 | 11.0 | 5.0  | 15.0 | 0.6 | MKPY2300123***** | 0.68                | 32.0 | 33.0 | 18.0 | 27.5 | 0.8 | MKPY2300684***** |
| 0.015               | 18.0 | 11.0 | 5.0  | 15.0 | 0.6 | MKPY2300153***** | 0.82                | 32.0 | 33.0 | 18.0 | 27.5 | 0.8 | MKPY2300824***** |
| 0.018               | 18.0 | 11.0 | 5.0  | 15.0 | 0.6 | MKPY2300183***** | 0.82                | 32.0 | 37.0 | 22.0 | 27.5 | 0.8 | MKPY2300824***** |
| 0.018               | 18.0 | 12.0 | 6.0  | 15.0 | 0.6 | MKPY2300183***** | 1.0                 | 32.0 | 37.0 | 22.0 | 27.5 | 0.8 | MKPY2300105***** |
| 0.022               | 18.0 | 12.0 | 6.0  | 15.0 | 0.6 | MKPY2300223***** | 0.33                | 42.5 | 24.0 | 13.0 | 37.5 | 1.0 | MKPY2300334***** |
| 0.027               | 18.0 | 12.0 | 6.0  | 15.0 | 0.6 | MKPY2300273***** | 0.39                | 42.5 | 24.0 | 13.0 | 37.5 | 1.0 | MKPY2300394***** |
| 0.027               | 18.0 | 13.0 | 7.0  | 15.0 | 0.6 | MKPY2300273***** | 0.47                | 42.5 | 24.0 | 13.0 | 37.5 | 1.0 | MKPY2300474***** |
| 0.033               | 18.0 | 13.5 | 7.5  | 15.0 | 0.6 | MKPY2300333***** | 0.56                | 41.5 | 26.0 | 17.0 | 37.5 | 1.0 | MKPY2300564***** |
| 0.033               | 18.0 | 12.5 | 9.0  | 15.0 | 0.6 | MKPY2300333***** | 0.68                | 41.5 | 26.0 | 17.0 | 37.5 | 1.0 | MKPY2300684***** |
| 0.039               | 18.0 | 13.5 | 7.5  | 15.0 | 0.6 | MKPY2300393***** | 0.68                | 41.5 | 32.0 | 16.0 | 37.5 | 1.0 | MKPY2300684***** |
| 0.039               | 18.0 | 12.5 | 9.0  | 15.0 | 0.6 | MKPY2300393***** | 0.82                | 41.5 | 32.0 | 16.0 | 37.5 | 1.0 | MKPY2300824***** |
| 0.047               | 18.0 | 14.5 | 8.5  | 15.0 | 0.6 | MKPY2300473***** | 1.0                 | 41.5 | 32.0 | 19.0 | 37.5 | 1.0 | MKPY2300105***** |
| 0.056               | 18.0 | 16.0 | 10.0 | 15.0 | 0.8 | MKPY2300563***** | 1.0                 | 42.5 | 33.5 | 22.0 | 37.5 | 1.0 | MKPY2300105***** |

■ 外形尺寸 Dimensions (mm)  
高性能型 High performance Version

| 300VAC              |      |      |      |      |     |                  |
|---------------------|------|------|------|------|-----|------------------|
| C <sub>N</sub> (μF) | W    | H    | T    | P    | d   | Part number      |
| 0.0068              | 18.0 | 11.0 | 5.0  | 15.0 | 0.8 | MKPY2300682***** |
| 0.0082              | 18.0 | 11.0 | 5.0  | 15.0 | 0.8 | MKPY2300822***** |
| 0.010               | 18.0 | 11.0 | 5.0  | 15.0 | 0.8 | MKPY2300103***** |
| 0.012               | 18.0 | 12.0 | 6.0  | 15.0 | 0.8 | MKPY2300123***** |
| 0.015               | 18.0 | 12.0 | 6.0  | 15.0 | 0.8 | MKPY2300153***** |
| 0.018               | 18.0 | 12.0 | 6.0  | 15.0 | 0.8 | MKPY2300183***** |
| 0.022               | 18.0 | 13.5 | 7.5  | 15.0 | 0.8 | MKPY2300223***** |
| 0.027               | 18.0 | 13.5 | 7.5  | 15.0 | 0.8 | MKPY2300273***** |
| 0.027               | 18.0 | 14.5 | 8.5  | 15.0 | 0.8 | MKPY2300273***** |
| 0.033               | 18.0 | 14.5 | 8.5  | 15.0 | 0.8 | MKPY2300333***** |
| 0.039               | 18.0 | 14.5 | 8.5  | 15.0 | 0.8 | MKPY2300393***** |
| 0.039               | 18.0 | 16.0 | 10.0 | 15.0 | 0.8 | MKPY2300393***** |
| 0.047               | 18.0 | 16.0 | 10.0 | 15.0 | 0.8 | MKPY2300473***** |
| 0.056               | 18.0 | 19.0 | 11.0 | 15.0 | 0.8 | MKPY2300563***** |
| 0.047               | 26.5 | 15.0 | 6.0  | 22.5 | 0.8 | MKPY2300473***** |
| 0.056               | 26.5 | 16.5 | 7.0  | 22.5 | 0.8 | MKPY2300563***** |
| 0.068               | 26.5 | 17.0 | 8.5  | 22.5 | 0.8 | MKPY2300683***** |
| 0.082               | 26.5 | 17.0 | 8.5  | 22.5 | 0.8 | MKPY2300823***** |
| 0.10                | 26.5 | 19.0 | 10.0 | 22.5 | 0.8 | MKPY2300104***** |
| 0.12                | 26.5 | 19.0 | 10.0 | 22.5 | 0.8 | MKPY2300124***** |
| 0.15                | 26.5 | 23.0 | 13.0 | 22.5 | 0.8 | MKPY2300154***** |
| 0.18                | 26.5 | 23.0 | 13.0 | 22.5 | 0.8 | MKPY2300184***** |
| 0.22                | 26.0 | 25.0 | 15.0 | 22.5 | 0.8 | MKPY2300224***** |
| 0.15                | 32.0 | 20.0 | 11.0 | 27.5 | 0.8 | MKPY2300154***** |
| 0.18                | 32.0 | 20.0 | 11.0 | 27.5 | 0.8 | MKPY2300184***** |
| 0.22                | 32.0 | 22.0 | 13.0 | 27.5 | 0.8 | MKPY2300224***** |
| 0.27                | 32.0 | 24.5 | 15.0 | 27.5 | 0.8 | MKPY2300274***** |
| 0.27                | 32.0 | 28.0 | 14.0 | 27.5 | 0.8 | MKPY2300274***** |
| 0.33                | 32.0 | 28.0 | 14.0 | 27.5 | 0.8 | MKPY2300334***** |
| 0.39                | 32.0 | 33.0 | 18.0 | 27.5 | 0.8 | MKPY2300394***** |
| 0.47                | 32.0 | 33.0 | 18.0 | 27.5 | 0.8 | MKPY2300474***** |
| 0.56                | 32.0 | 33.0 | 18.0 | 27.5 | 0.8 | MKPY2300564***** |
| 0.68                | 32.0 | 37.0 | 22.0 | 27.5 | 0.8 | MKPY2300684***** |
| 0.33                | 42.5 | 24.0 | 13.0 | 37.5 | 1.0 | MKPY2300334***** |
| 0.39                | 42.5 | 24.0 | 13.0 | 37.5 | 1.0 | MKPY2300394***** |
| 0.47                | 41.5 | 26.0 | 17.0 | 37.5 | 1.0 | MKPY2300474***** |
| 0.56                | 41.5 | 32.0 | 16.0 | 37.5 | 1.0 | MKPY2300564***** |
| 0.68                | 41.5 | 32.0 | 16.0 | 37.5 | 1.0 | MKPY2300684***** |
| 0.82                | 42.5 | 33.5 | 22.0 | 37.5 | 1.0 | MKPY2300824***** |
| 1.0                 | 42.5 | 37.0 | 28.0 | 37.5 | 1.0 | MKPY2300105***** |

■ 客户需要特殊尺寸，请联系我们。  
Other specification and dimension can be designed as customer's requirement.