



# 盒装型双面金属化聚丙烯膜电容器---MMKP82(C82)系列

Double sided metallized polypropylene film capacitor(Box )---MMKP82(C82)series

## 引用标准 Reference standards

GB10190(IEC384-16)

## 结构 Structure

介质: 聚丙烯膜

电极: 双面金属化聚酯膜

封装: 阻燃环氧树脂, 符合 UL94 V-0

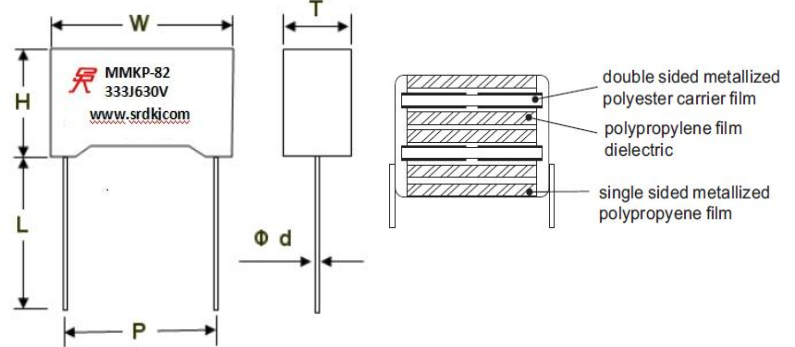
外壳: 阻燃 PBT 塑壳, 符合 UL94 V-0

Dielectric: polypropylene film

Electrode: double side metallized polyester film

Encapsulation: Flame retardant epoxy resin, conforming to UL94 V-0

Box: Flame retardant PBT plastic shell, conforming to UL94 V-0



## 典型应用 Typical Application

广泛应用于高压高频脉冲电路中

适用于变频器的谐振电路中

适用于 LED 驱动和开关电源高效电路

吸收和 SCR 整流电路中

Widely used in high voltage high frequency pulse circuit.

Applicable for resonant circuit of frequency converter.

Suitable for LED driver and switching power supply high efficiency circuit

Snubber circuit and SCR rectifying circuit

## 特点 Features

损耗小, 内部温升小, 小型化的安装尺寸, 优异的阻燃性能 (UL94V-0)

Low loss and low internal temperature rise, small mounting size, Excellent flame resistance property.

## 符合 RoHS 及 REACH 环保标准 Compliance with RoHs & REACH requirements.

## 电性能规范 Performance Specifications

|   |  |   |       |       |
|---|--|---|-------|-------|
| 气候类别 Climate category                         | 40/105/56  |   |       |       |
| 额定温度 Rated Temperature                        | 85°C   |   |       |       |
| 工作温度范围<br>Operating Temperature range         | -40°C~+105°C.<br>(+85°C~+105°C): decreasing factor 1.25% per °C for R.V(DC)<br>(+85°C~+105°C): 额定电压降额使用系数 1.25% per °C for R.V(DC) |   |       |       |
| 额定电压 Rated Voltage                            | 630VDC, 1000VDC, 1600VDC, 2000VDC, 3000VDC   |   |       |       |
| 容量误差 Capacitance Tolerance                    | J: ±5%   |   |       |       |
| 容量范围<br>Capacitance Range                     | 0.001μF~1.2μF<br>测试条件 Test Condition: 20°C, 1KHz, 1Vrms  |   |       |       |
| 耐电压<br>Withstand Voltage                      | 1.6U <sub>R</sub> , 5S   | 无击穿或飞弧<br>No breakdown or electric arcing |       |       |
| 损耗角 Dissipation factor                        | ≤0.001 (1KHz)  | 测试条件 Test Condition: 20°C 1Vrms           |       |       |
| 绝缘电阻或时间常数<br>Insulation Resistance            | CR≤0.33μF IR≥100000MΩ<br>CR>0.33μF IR≥30000S   | 测试条件 Test Condition:<br>20°C 100V 1 min   |       |       |
| 最大脉冲爬升速率<br>Max. Pulse Rise Time<br>(dV / dt) | U <sub>R</sub> (V)   | P15                                       | P22.5 | P27.5 |
|   | 630V   | 2500                                      | 1600  | 1000  |
|   | 1000V  | 3500                                      | 2500  | 1300  |
|   | 1600V  | 6300                                      | 3200  | 2200  |
|   | 2000V  | 10000                                     | 5000  | 2500  |
| 3000V   | 10000  | 8000                                      | ---   |       |



# 盒装型双面金属化聚丙烯膜电容器---MMKP82(C82)系列

Double sided metallized polypropylene film capacitor(Box )---MMKP82(C82)series

## 电性能规范 Performance Specifications

|  |   |   |
|--|---|---|
| 稳态湿热<br>Steady-state<br>Damp-heat Test | 温度 Temp.: 40±2℃<br>相对湿度 Humidity: 93%RH<br>持续时间 Duration Time: 56 Days                  | 无可见损伤, 标志清晰<br>no visible damage, clear mark<br>绝缘电阻 IR: ≥ 额定值的 50%<br>IR: ≥ 50% of Rated value<br>容量变化 (相对初始值):<br>Capacitance change (relative to the initial value): $\Delta C/C \leq \pm 5\%$<br>损耗角增加 Dissipation factor:<br>Rise $\leq 0.0020$ (1KHz), $C_R > 1\mu F$                 |
| 耐久性试验<br>Endurance Test                | 温度 Temp.: +85℃,<br>电压 Voltage:<br>1.25 Times Rated Voltage<br>持续时间 Duration Time: 1000H | 绝缘电阻 Insulation Resistance<br>IR: ≥ 额定值的 50%<br>IR: ≥ 50% of rated value<br>损耗角增加: $\leq 0.0015$ (10KHz)<br>dissipation factor rise: $\leq 0.0015$ (10KHz)<br>容量变化 (相对初始值): $\Delta C/C \leq \pm 10\%$<br>Capacitance change<br>(relative to the initial value): $\Delta C/C \leq \pm 10\%$ |

## 产品编码说明 Part No. Description:

15 位产品编码如下:

The Part No. is total 15 digits, details as follow:

|   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| C | 8 | 2 | 1 | 0 | 4 | J | 2 | J | E  | 4  | R  | 8  | *  | *  |

|             |                                       |  |
|-------------|---------------------------------------|--|
| Digit 1-3   | 型号代码 Product Name Code                | C82= MMKP82 series                                     |
| Digit 4-6   | 标称容量 Rated Capacitance Value          | For example : 104 = $10 \times 10^4 \mu F = 0.1 \mu F$ |
| Digit 7     | 容量偏差 Capacitance Tolerance            | J=±5%  |
| Digit 8-9   | 额定电压 Rated Voltage Code               | 2J=630V 3A=1000V 3C=1600V 3D=2000V 3E=3000V            |
| Digit 10-11 | 壳号 Plastic shell code                 |  |
| Digit 12    | 塑壳颜色 Plastic Shell Color              | R = Grey Color with LOGO on the shell top              |
| Digit 13    | 线径代码 Line diameter code               | 6=0.6 8=0.8  |
| Digit 14-15 | 成型或内部识别码 Forming Type or Internal Use |  |



# 盒装型双面金属化聚丙烯膜电容器---MMKP82(C82)系列

Double sided metallized polypropylene film capacitor(Box )---MMKP82(C82)series

## 料号明细及尺寸 Part No. List and Dimensions

| U <sub>R</sub> :630Vdc(400Vac) |              |                           |                   |       |       |       |         |
|--------------------------------|--------------|---------------------------|-------------------|-------|-------|-------|---------|
| 成品编码<br>Part No.               | 系列<br>Series | 容量<br>Capacitance<br>(μF) | 尺寸 Dimension (mm) |       |       |       |         |
|                                |              |                           | W±0.5             | T±0.5 | H±0.5 | P±0.5 | Φd±0.05 |
| C82183J2JD2R8**                | MMKP82       | 0.018                     | 18                | 6     | 12    | 15    | 0.8     |
| C82223J2JD2R8**                | MMKP82       | 0.022                     | 18                | 6     | 12    | 15    | 0.8     |
| C82273J2JD2R8**                | MMKP82       | 0.027                     | 18                | 6     | 12    | 15    | 0.8     |
| C82333J2JD2R8**                | MMKP82       | 0.033                     | 18                | 6     | 12    | 15    | 0.8     |
| C82393J2JD2R8**                | MMKP82       | 0.039                     | 18                | 6     | 12    | 15    | 0.8     |
| C82473J2JD2R8**                | MMKP82       | 0.047                     | 18                | 6     | 12    | 15    | 0.8     |
| C82563J2JD3R8**                | MMKP82       | 0.056                     | 18                | 7.5   | 13.5  | 15    | 0.8     |
| C82683J2JD4R8**                | MMKP82       | 0.068                     | 18                | 8.4   | 14.5  | 15    | 0.8     |
| C82823J2JD4R8**                | MMKP82       | 0.082                     | 18                | 8.4   | 14.5  | 15    | 0.8     |
| C82104J2JD6R8**                | MMKP82       | 0.1                       | 18                | 10    | 15.8  | 15    | 0.8     |
| C82124J2JD8R8**                | MMKP82       | 0.12                      | 18                | 11.2  | 19.2  | 15    | 0.8     |
| C82473J2JE1R8**                | MMKP82       | 0.047                     | 26.5              | 6     | 15    | 22.5  | 0.8     |
| C82563J2JE1R8**                | MMKP82       | 0.056                     | 26.5              | 6     | 15    | 22.5  | 0.8     |
| C82683J2JE1R8**                | MMKP82       | 0.068                     | 26.5              | 6     | 15    | 22.5  | 0.8     |
| C82823J2JE1R8**                | MMKP82       | 0.082                     | 26.5              | 6     | 15    | 22.5  | 0.8     |
| C82104J2JE1R8**                | MMKP82       | 0.1                       | 26.5              | 6     | 15    | 22.5  | 0.8     |
| C82124J2JE2R8**                | MMKP82       | 0.12                      | 26.5              | 7     | 16.5  | 22.5  | 0.8     |
| C82154J2JE3R8**                | MMKP82       | 0.15                      | 26.5              | 8.5   | 17    | 22.5  | 0.8     |
| C82184J2JE3R8**                | MMKP82       | 0.18                      | 26.5              | 8.5   | 17    | 22.5  | 0.8     |
| C82224J2JE4R8**                | MMKP82       | 0.22                      | 26.5              | 10    | 19    | 22.5  | 0.8     |
| C82274J2JE5R8**                | MMKP82       | 0.27                      | 26.5              | 11    | 20    | 22.5  | 0.8     |
| C82334J2JE6R8**                | MMKP82       | 0.33                      | 26.5              | 12    | 21.5  | 22.5  | 0.8     |
| C82394J2JE6R8**                | MMKP82       | 0.39                      | 26.5              | 12    | 21.5  | 22.5  | 0.8     |
| C82334J2JF1R8**                | MMKP82       | 0.33                      | 31.5              | 10.8  | 19.5  | 27.5  | 0.8     |
| C82394J2JF1R8**                | MMKP82       | 0.39                      | 31.5              | 10.8  | 19.5  | 27.5  | 0.8     |
| C82474J2JF2R8**                | MMKP82       | 0.47                      | 31.5              | 13    | 21.6  | 27.5  | 0.8     |
| C82564J2JF2R8**                | MMKP82       | 0.56                      | 31.5              | 13    | 21.6  | 27.5  | 0.8     |
| C82684J2JF3R8**                | MMKP82       | 0.68                      | 31                | 14    | 25    | 27.5  | 0.8     |
| C82824J2JF4R8**                | MMKP82       | 0.82                      | 31.5              | 16    | 25.5  | 27.5  | 0.8     |
| C82105J2JF5R8**                | MMKP82       | 1                         | 31.5              | 16    | 30    | 27.5  | 0.8     |
| C82125J2JF5R8**                | MMKP82       | 1.2                       | 31.5              | 16    | 30    | 27.5  | 0.8     |

说明 Note: “\*\*”表示内部特征码

“\*\*\*”=Internal use.



# 盒装型双面金属化聚丙烯膜电容器---MMKP82(C82)系列

Double sided metallized polypropylene film capacitor(Box )---MMKP82(C82)series

## ■ 料号明细及尺寸 Part No. List and Dimensions

| U <sub>R</sub> :1000Vdc (600Vac) |              |                                 |                   |             |             |             |              |
|----------------------------------|--------------|---------------------------------|-------------------|-------------|-------------|-------------|--------------|
| 成品编码<br>Part No.                 | 系列<br>Series | 容量<br>Capacitance<br>( $\mu$ F) | 尺寸 Dimension (mm) |             |             |             |              |
|                                  |              |                                 | W $\pm$ 0.5       | T $\pm$ 0.5 | H $\pm$ 0.5 | P $\pm$ 0.5 | d $\pm$ 0.05 |
| C82102J3AC2R6**                  | MMKP82       | 0.001                           | 13                | 5           | 11          | 10          | 0.6          |
| C82122J3AC2R6**                  | MMKP82       | 0.0012                          | 13                | 5           | 11          | 10          | 0.6          |
| C82152J3AC2R6**                  | MMKP82       | 0.0015                          | 13                | 5           | 11          | 10          | 0.6          |
| C82182J3AC2R6**                  | MMKP82       | 0.0018                          | 13                | 5           | 11          | 10          | 0.6          |
| C82222J3AC2R6**                  | MMKP82       | 0.0022                          | 13                | 5           | 11          | 10          | 0.6          |
| C82272J3AC2R6**                  | MMKP82       | 0.0027                          | 13                | 5           | 11          | 10          | 0.6          |
| C82332J3AC2R6**                  | MMKP82       | 0.0033                          | 13                | 5           | 11          | 10          | 0.6          |
| C82392J3AC2R6**                  | MMKP82       | 0.0039                          | 13                | 5           | 11          | 10          | 0.6          |
| C82472J3AC2R6**                  | MMKP82       | 0.0047                          | 13                | 5           | 11          | 10          | 0.6          |
| C82562J3AC2R6**                  | MMKP82       | 0.0056                          | 13                | 5           | 11          | 10          | 0.6          |
| C82682J3AC2R6**                  | MMKP82       | 0.0068                          | 13                | 5           | 11          | 10          | 0.6          |
| C82822J3AC2R6**                  | MMKP82       | 0.0082                          | 13                | 5           | 11          | 10          | 0.6          |
| C82103J3AC2R6**                  | MMKP82       | 0.01                            | 13                | 5           | 11          | 10          | 0.6          |
| C82822J3AD2R8**                  | MMKP82       | 0.0082                          | 18                | 6           | 12          | 15          | 0.8          |
| C82103J3AD2R8**                  | MMKP82       | 0.01                            | 18                | 6           | 12          | 15          | 0.8          |
| C82123J3AD2R8**                  | MMKP82       | 0.012                           | 18                | 6           | 12          | 15          | 0.8          |
| C82153J3AD2R8**                  | MMKP82       | 0.015                           | 18                | 6           | 12          | 15          | 0.8          |
| C82183J3AD3R8**                  | MMKP82       | 0.018                           | 18                | 7.5         | 13.5        | 15          | 0.8          |
| C82223J3AD3R8**                  | MMKP82       | 0.022                           | 18                | 7.5         | 13.5        | 15          | 0.8          |
| C82273J3AD4R8**                  | MMKP82       | 0.027                           | 18                | 8.4         | 14.5        | 15          | 0.8          |
| C82333J3AD4R8**                  | MMKP82       | 0.033                           | 18                | 8.4         | 14.5        | 15          | 0.8          |
| C82393J3AD6R8**                  | MMKP82       | 0.039                           | 18                | 10          | 15.8        | 15          | 0.8          |
| C82473J3AD8R8**                  | MMKP82       | 0.047                           | 18                | 11.2        | 19.2        | 15          | 0.8          |

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# 盒装型双面金属化聚丙烯膜电容器---MMKP82(C82)系列

Double sided metallized polypropylene film capacitor(Box )---MMKP82(C82)series

## 料号明细及尺寸 Part No. List and Dimensions

| U <sub>R</sub> :1000Vdc (600Vac) |              |                           |                   |       |       |       |        |
|----------------------------------|--------------|---------------------------|-------------------|-------|-------|-------|--------|
| 成品编码<br>Part No.                 | 系列<br>Series | 容量<br>Capacitance<br>(μF) | 尺寸 Dimension (mm) |       |       |       |        |
|                                  |              |                           | W±0.5             | T±0.5 | H±0.5 | P±0.5 | d±0.05 |
| C82273J3AE1R8**                  | MMKP82       | 0.027                     | 26.5              | 6     | 15    | 22.5  | 0.8    |
| C82333J3AE1R8**                  | MMKP82       | 0.033                     | 26.5              | 6     | 15    | 22.5  | 0.8    |
| C82393J3AE1R8**                  | MMKP82       | 0.039                     | 26.5              | 6     | 15    | 22.5  | 0.8    |
| C82473J3AE2R8**                  | MMKP82       | 0.047                     | 26.5              | 7     | 16.5  | 22.5  | 0.8    |
| C82563J3AE2R8**                  | MMKP82       | 0.056                     | 26.5              | 7     | 16.5  | 22.5  | 0.8    |
| C82683J3AE3R8**                  | MMKP82       | 0.068                     | 26.5              | 8.5   | 17    | 22.5  | 0.8    |
| C82823J3AE4R8**                  | MMKP82       | 0.082                     | 26.5              | 10    | 19    | 22.5  | 0.8    |
| C82104J3AE4R8**                  | MMKP82       | 0.1                       | 26.5              | 10    | 19    | 22.5  | 0.8    |
| C82124J3AE5R8**                  | MMKP82       | 0.12                      | 26.5              | 11    | 20    | 22.5  | 0.8    |
| C82154J3AE6R8**                  | MMKP82       | 0.15                      | 26.5              | 12    | 21.5  | 22.5  | 0.8    |
| C82104J3AF1R8**                  | MMKP82       | 0.1                       | 31.5              | 10.8  | 19.5  | 27.5  | 0.8    |
| C82124J3AF1R8**                  | MMKP82       | 0.12                      | 31.5              | 10.8  | 19.5  | 27.5  | 0.8    |
| C82154J3AF1R8**                  | MMKP82       | 0.15                      | 31.5              | 10.8  | 19.5  | 27.5  | 0.8    |
| C82184J3AF2R8**                  | MMKP82       | 0.18                      | 31.5              | 13    | 21.6  | 27.5  | 0.8    |
| C82224J3AF2R8**                  | MMKP82       | 0.22                      | 31.5              | 13    | 21.6  | 27.5  | 0.8    |
| C82274J3AF3R8**                  | MMKP82       | 0.27                      | 31                | 14    | 25    | 27.5  | 0.8    |
| C82334J3AF4R8**                  | MMKP82       | 0.33                      | 31.5              | 16    | 25.5  | 27.5  | 0.8    |
| C82394J3AF5R8**                  | MMKP82       | 0.39                      | 31.5              | 16    | 30    | 27.5  | 0.8    |
| C82474J3AF9R8**                  | MMKP82       | 0.47                      | 31.5              | 18    | 28    | 27.5  | 0.8    |

说明 Note: “\*\*”表示内部特征码

“\*\*”=Internal use.



# 盒装型双面金属化聚丙烯膜电容器---MMKP82(C82)系列

Double sided metallized polypropylene film capacitor(Box )---MMKP82(C82)series

## 料号明细及尺寸 Part No. List and Dimensions

| U <sub>R</sub> :1600Vdc (650Vac) |              |                           |                   |       |       |       |        |
|----------------------------------|--------------|---------------------------|-------------------|-------|-------|-------|--------|
| 成品编码<br>Part No.                 | 系列<br>Series | 容量<br>Capacitance<br>(μF) | 尺寸 Dimension (mm) |       |       |       |        |
|                                  |              |                           | W±0.5             | T±0.5 | H±0.5 | P±0.5 | d±0.05 |
| C82332J3CD2R8**                  | MMKP82       | 0.0033                    | 18                | 6     | 12    | 15    | 0.8    |
| C82472J3CD2R8**                  | MMKP82       | 0.0047                    | 18                | 6     | 12    | 15    | 0.8    |
| C82562J3CD2R8**                  | MMKP82       | 0.0056                    | 18                | 6     | 12    | 15    | 0.8    |
| C82682J3CD2R8**                  | MMKP82       | 0.0068                    | 18                | 6     | 12    | 15    | 0.8    |
| C82822J3CD2R8**                  | MMKP82       | 0.0082                    | 18                | 6     | 12    | 15    | 0.8    |
| C82103J3CD2R8**                  | MMKP82       | 0.01                      | 18                | 6     | 12    | 15    | 0.8    |
| C82123J3CD3R8**                  | MMKP82       | 0.012                     | 18                | 7.5   | 13.5  | 15    | 0.8    |
| C82153J3CD3R8**                  | MMKP82       | 0.015                     | 18                | 7.5   | 13.5  | 15    | 0.8    |
| C82183J3CD4R8**                  | MMKP82       | 0.018                     | 18                | 8.4   | 14.5  | 15    | 0.8    |
| C82223J3CD4R8**                  | MMKP82       | 0.022                     | 18                | 8.4   | 14.5  | 15    | 0.8    |
| C82273J3CD6R8**                  | MMKP82       | 0.027                     | 18                | 10    | 15.8  | 15    | 0.8    |
| C82333J3CD8R8**                  | MMKP82       | 0.033                     | 18                | 11.2  | 19.2  | 15    | 0.8    |
| C82153J3CE1R8**                  | MMKP82       | 0.015                     | 26.5              | 6     | 15    | 22.5  | 0.8    |
| C82183J3CE1R8**                  | MMKP82       | 0.018                     | 26.5              | 6     | 15    | 22.5  | 0.8    |
| C82223J3CE1R8**                  | MMKP82       | 0.022                     | 26.5              | 6     | 15    | 22.5  | 0.8    |
| C82273J3CE2R8**                  | MMKP82       | 0.027                     | 26.5              | 7     | 16.5  | 22.5  | 0.8    |
| C82333J3CE2R8**                  | MMKP82       | 0.033                     | 26.5              | 7     | 16.5  | 22.5  | 0.8    |
| C82393J3CE3R8**                  | MMKP82       | 0.039                     | 26.5              | 8.5   | 17    | 22.5  | 0.8    |
| C82473J3CE4R8**                  | MMKP82       | 0.047                     | 26.5              | 10    | 19    | 22.5  | 0.8    |
| C82563J3CE4R8**                  | MMKP82       | 0.056                     | 26.5              | 10    | 19    | 22.5  | 0.8    |
| C82683J3CE5R8**                  | MMKP82       | 0.068                     | 26.5              | 11    | 20    | 22.5  | 0.8    |
| C82823J3CE6R8**                  | MMKP82       | 0.082                     | 26.5              | 12    | 21.5  | 22.5  | 0.8    |
| C82823J3CF1R8**                  | MMKP82       | 0.082                     | 31.5              | 10.8  | 19.5  | 27.5  | 0.8    |
| C82104J3CF1R8**                  | MMKP82       | 0.1                       | 31.5              | 10.8  | 19.5  | 27.5  | 0.8    |
| C82124J3CF2R8**                  | MMKP82       | 0.12                      | 31.5              | 13    | 21.6  | 27.5  | 0.8    |
| C82154J3CF3R8**                  | MMKP82       | 0.15                      | 31                | 14    | 25    | 27.5  | 0.8    |
| C82184J3CF3R8**                  | MMKP82       | 0.18                      | 31                | 14    | 25    | 27.5  | 0.8    |
| C82224J3CF5R8**                  | MMKP82       | 0.22                      | 31.5              | 16    | 30    | 27.5  | 0.8    |

说明 Note: “\*\*”表示内部特征码

“\*\*”=Internal use.



# 盒装型双面金属化聚丙烯膜电容器---MMKP82(C82)系列

Double sided metallized polypropylene film capacitor(Box )---MMKP82(C82)series

## 料号明细及尺寸 Part No. List and Dimensions

| U <sub>R</sub> :2000Vdc (700Vac) |              |                                 |                   |             |             |             |              |
|----------------------------------|--------------|---------------------------------|-------------------|-------------|-------------|-------------|--------------|
| 成品编码<br>Part No.                 | 系列<br>Series | 容量<br>Capacitance<br>( $\mu$ F) | 尺寸 Dimension (mm) |             |             |             |              |
|                                  |              |                                 | W $\pm$ 0.5       | T $\pm$ 0.5 | H $\pm$ 0.5 | P $\pm$ 0.5 | d $\pm$ 0.05 |
| C82102J3DD2R8**                  | MMKP82       | 0.001                           | 18                | 6           | 12          | 15          | 0.8          |
| C82122J3DD2R8**                  | MMKP82       | 0.0012                          | 18                | 6           | 12          | 15          | 0.8          |
| C82152J3DD2R8**                  | MMKP82       | 0.0015                          | 18                | 6           | 12          | 15          | 0.8          |
| C82182J3DD2R8**                  | MMKP82       | 0.0018                          | 18                | 6           | 12          | 15          | 0.8          |
| C82222J3DD2R8**                  | MMKP82       | 0.0022                          | 18                | 6           | 12          | 15          | 0.8          |
| C82272J3DD2R8**                  | MMKP82       | 0.0027                          | 18                | 6           | 12          | 15          | 0.8          |
| C82332J3DD2R8**                  | MMKP82       | 0.0033                          | 18                | 6           | 12          | 15          | 0.8          |
| C82392J3DD2R8**                  | MMKP82       | 0.0039                          | 18                | 6           | 12          | 15          | 0.8          |
| C82472J3DD2R8**                  | MMKP82       | 0.0047                          | 18                | 6           | 12          | 15          | 0.8          |
| C82562J3DD3R8**                  | MMKP82       | 0.0056                          | 18                | 7.5         | 13.5        | 15          | 0.8          |
| C82682J3DD3R8**                  | MMKP82       | 0.0068                          | 18                | 7.5         | 13.5        | 15          | 0.8          |
| C82822J3DD4R8**                  | MMKP82       | 0.0082                          | 18                | 8.4         | 14.5        | 15          | 0.8          |
| C82103J3DD6R8**                  | MMKP82       | 0.01                            | 18                | 10          | 15.8        | 15          | 0.8          |
| C82123J3DD6J8**                  | MMKP82       | 0.012                           | 18                | 10          | 15.8        | 15          | 0.8          |
| C82153J3DD8R8**                  | MMKP82       | 0.015                           | 18                | 11.2        | 19.2        | 15          | 0.8          |
| C82103J3DE1R8**                  | MMKP82       | 0.01                            | 26.5              | 6           | 15          | 22.5        | 0.8          |
| C82123J3DE1R8**                  | MMKP82       | 0.012                           | 26.5              | 6           | 15          | 22.5        | 0.8          |
| C82153J3DE2R8**                  | MMKP82       | 0.015                           | 26.5              | 7           | 16.5        | 22.5        | 0.8          |
| C82183J3DE2R8**                  | MMKP82       | 0.018                           | 26.5              | 7           | 16.5        | 22.5        | 0.8          |
| C82223J3DE3R8**                  | MMKP82       | 0.022                           | 26.5              | 8.5         | 17          | 22.5        | 0.8          |
| C82273J3DE4R8**                  | MMKP82       | 0.027                           | 26.5              | 10          | 19          | 22.5        | 0.8          |
| C82333J3DE4R8**                  | MMKP82       | 0.033                           | 26.5              | 10          | 19          | 22.5        | 0.8          |
| C82393J3DE5R8**                  | MMKP82       | 0.039                           | 26.5              | 11          | 20          | 22.5        | 0.8          |
| C82473J3DE6R8**                  | MMKP82       | 0.047                           | 26.5              | 12          | 21.5        | 22.5        | 0.8          |
| C82393J3DF1R8**                  | MMKP82       | 0.039                           | 31.5              | 10.8        | 19.5        | 27.5        | 0.8          |
| C82473J3DF1R8**                  | MMKP82       | 0.047                           | 31.5              | 10.8        | 19.5        | 27.5        | 0.8          |
| C82563J3DF2R8**                  | MMKP82       | 0.056                           | 31.5              | 13          | 21.6        | 27.5        | 0.8          |
| C82683J3DF2R8**                  | MMKP82       | 0.068                           | 31.5              | 13          | 21.6        | 27.5        | 0.8          |
| C82823J3DF3R8**                  | MMKP82       | 0.082                           | 31                | 14          | 25          | 27.5        | 0.8          |
| C82104J3DF4R8**                  | MMKP82       | 0.1                             | 31.5              | 16          | 25.5        | 27.5        | 0.8          |
| C82124J3DF4R8**                  | MMKP82       | 0.12                            | 31.5              | 16          | 25.5        | 27.5        | 0.8          |
| C82154J3DF5R8**                  | MMKP82       | 0.15                            | 31.5              | 16          | 30          | 27.5        | 0.8          |

说明 Note: “\*\*”表示内部特征码

“\*\*”=Internal use.



## 盒装型双面金属化聚丙烯膜电容器---MMKP82(C82)系列

Double sided metallized polypropylene film capacitor(Box )---MMKP82(C82)series

### 料号明细及尺寸 Part No. List and Dimensions

| U <sub>R</sub> 3000Vdc (750Vac) |              |                                 |                   |             |             |             |              |
|---------------------------------|--------------|---------------------------------|-------------------|-------------|-------------|-------------|--------------|
| 成品编码<br>Part No.                | 系列<br>Series | 容量<br>Capacitance<br>( $\mu$ F) | 尺寸 Dimension (mm) |             |             |             |              |
|                                 |              |                                 | W $\pm$ 0.5       | T $\pm$ 0.5 | H $\pm$ 0.5 | P $\pm$ 0.5 | d $\pm$ 0.05 |
| C82102J3ED2R8**                 | MMKP82       | 0.001                           | 18.0              | 6.0         | 12.0        | 15.0        | 0.8          |
| C82122J3ED2R8**                 | MMKP82       | 0.0012                          | 18.0              | 6.0         | 12.0        | 15.0        | 0.8          |
| C82152J3ED2R8**                 | MMKP82       | 0.0015                          | 18.0              | 6.0         | 12.0        | 15.0        | 0.8          |
| C82182J3ED2R8**                 | MMKP82       | 0.0018                          | 18.0              | 6.0         | 12.0        | 15.0        | 0.8          |
| C82222J3ED2R8**                 | MMKP82       | 0.0022                          | 18.0              | 6.0         | 12.0        | 15.0        | 0.8          |
| C82272J3ED2R8**                 | MMKP82       | 0.0027                          | 18.0              | 6.0         | 12.0        | 15.0        | 0.8          |
| C82332J3ED3R8**                 | MMKP82       | 0.0033                          | 18.0              | 7.5         | 13.5        | 15.0        | 0.8          |
| C82392J3ED3R8**                 | MMKP82       | 0.0039                          | 18.0              | 7.5         | 13.5        | 15.0        | 0.8          |
| C82472J3ED4R8**                 | MMKP82       | 0.0047                          | 18.0              | 8.4         | 14.5        | 15.0        | 0.8          |
| C82562J3ED5R8**                 | MMKP82       | 0.0056                          | 18.0              | 9.5         | 15.5        | 15.0        | 0.8          |
| C82682J3ED6R8**                 | MMKP82       | 0.0068                          | 18.0              | 9.5         | 15.5        | 15.0        | 0.8          |
| C82822J3ED8R8**                 | MMKP82       | 0.0082                          | 18.0              | 11.2        | 19.2        | 15.0        | 0.8          |
| C82442J3EE2R8**                 | MMKP82       | 0.0044                          | 26.5              | 7.0         | 16.5        | 22.5        | 0.8          |
| C82472J3EE2R8**                 | MMKP82       | 0.0047                          | 26.5              | 7.0         | 16.5        | 22.5        | 0.8          |
| C82562J3EE2R8**                 | MMKP82       | 0.0056                          | 26.5              | 7.0         | 16.5        | 22.5        | 0.8          |
| C82682J3EE2R8**                 | MMKP82       | 0.0068                          | 26.5              | 7.0         | 16.5        | 22.5        | 0.8          |
| C82822J3EE3R8**                 | MMKP82       | 0.0082                          | 26.5              | 8.5         | 17.0        | 22.5        | 0.8          |
| C82103J3EE3R8**                 | MMKP82       | 0.01                            | 26.5              | 8.5         | 17.0        | 22.5        | 0.8          |
| C82123J3EE4R8**                 | MMKP82       | 0.012                           | 26.5              | 10.0        | 19.0        | 22.5        | 0.8          |
| C82153J3EE5R8**                 | MMKP82       | 0.015                           | 26.5              | 11.0        | 20.0        | 22.5        | 0.8          |
| C82183J3EE6R8**                 | MMKP82       | 0.018                           | 26.5              | 12.0        | 21.5        | 22.5        | 0.8          |
| C82223J3EE7R8**                 | MMKP82       | 0.022                           | 26.5              | 13.0        | 23.0        | 22.5        | 0.8          |

说明 Note: “\*\*”表示内部特征码

“\*\*\*”=Internal use.

Note: We can customize the capacitors according to customers special requirements.



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