



# 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

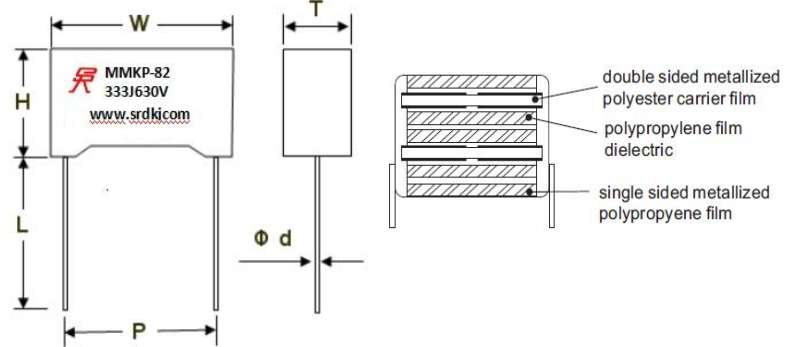
外壳: 阻燃 PBT 塑壳, 符合 UL94 V-0

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 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 | $\Phi$ d $\pm$ 0.05 |
| C82103J2JD1R6LC                | MMKP82    | 0.01                            | 18                | 5           | 11          | 15          | 0.6                 |
| C82123J2JD1R6LC                | MMKP82    | 0.012                           | 18                | 5           | 11          | 15          | 0.6                 |
| C82103J2JD2R8LC                | MMKP82    | 0.01                            | 18                | 6           | 12          | 15          | 0.8                 |
| C82183J2JD2R8LC                | MMKP82    | 0.018                           | 18                | 6           | 12          | 15          | 0.8                 |
| C82223J2JD2R8LC                | MMKP82    | 0.022                           | 18                | 6           | 12          | 15          | 0.8                 |
| C82273J2JD2R8LC                | MMKP82    | 0.027                           | 18                | 6           | 12          | 15          | 0.8                 |
| C82333J2JD2R8LC                | MMKP82    | 0.033                           | 18                | 6           | 12          | 15          | 0.8                 |
| C82393J2JD2R8LC                | MMKP82    | 0.039                           | 18                | 6           | 12          | 15          | 0.8                 |
| C82473J2JD2R8LC                | MMKP82    | 0.047                           | 18                | 6           | 12          | 15          | 0.8                 |
| C82473J2JD3R8LC                | MMKP82    | 0.047                           | 18                | 7.5         | 13.5        | 15          | 0.8                 |
| C82563J2JD3R8LC                | MMKP82    | 0.056                           | 18                | 7.5         | 13.5        | 15          | 0.8                 |
| C82683J2JD4R8LC                | MMKP82    | 0.068                           | 18                | 8.4         | 14.5        | 15          | 0.8                 |
| C82823J2JD4R8LC                | MMKP82    | 0.082                           | 18                | 8.4         | 14.5        | 15          | 0.8                 |
| C82104J2JD6R8LC                | MMKP82    | 0.1                             | 18                | 10          | 15.8        | 15          | 0.8                 |
| C82124J2JD6R8LC                | MMKP82    | 0.12                            | 18                | 10          | 15.8        | 15          | 0.8                 |
| C82124J2JD8R8LC                | MMKP82    | 0.12                            | 18                | 11.2        | 19.2        | 15          | 0.8                 |
| C82333J2JE1R8A0                | MMKP82    | 0.033                           | 26.5              | 6           | 15          | 22.5        | 0.8                 |
| C82393J2JE1R8LC                | MMKP82    | 0.039                           | 26.5              | 6           | 15          | 22.5        | 0.8                 |
| C82473J2JE1R8LC                | MMKP82    | 0.047                           | 26.5              | 6           | 15          | 22.5        | 0.8                 |
| C82563J2JE1R8LC                | MMKP82    | 0.056                           | 26.5              | 6           | 15          | 22.5        | 0.8                 |
| C82683J2JE1R8LC                | MMKP82    | 0.068                           | 26.5              | 6           | 15          | 22.5        | 0.8                 |
| C82823J2JE1R8LC                | MMKP82    | 0.082                           | 26.5              | 6           | 15          | 22.5        | 0.8                 |
| C82104J2JE1R8LC                | MMKP82    | 0.1                             | 26.5              | 6           | 15          | 22.5        | 0.8                 |
| C82683J2JE2R8LC                | MMKP82    | 0.068                           | 26.5              | 7           | 16.5        | 22.5        | 0.8                 |
| C82823J2JE2R8LC                | MMKP82    | 0.082                           | 26.5              | 7           | 16.5        | 22.5        | 0.8                 |
| C82124J2JE2R8LC                | MMKP82    | 0.12                            | 26.5              | 7           | 16.5        | 22.5        | 0.8                 |
| C82124J2JE3R8LC                | MMKP82    | 0.12                            | 26.5              | 8.5         | 17          | 22.5        | 0.8                 |
| C82154J2JE3R8LC                | MMKP82    | 0.15                            | 26.5              | 8.5         | 17          | 22.5        | 0.8                 |
| C82184J2JE3R8LC                | MMKP82    | 0.18                            | 26.5              | 8.5         | 17          | 22.5        | 0.8                 |
| C82154J2JE4R8LC                | MMKP82    | 0.15                            | 26.5              | 10          | 19          | 22.5        | 0.8                 |
| C82224J2JE4R8LC                | MMKP82    | 0.22                            | 26.5              | 10          | 19          | 22.5        | 0.8                 |
| C82274J2JE5R8LC                | MMKP82    | 0.27                            | 26.5              | 11          | 20          | 22.5        | 0.8                 |
| C82224J2JE6R8LC                | MMKP82    | 0.22                            | 26                | 12          | 21.5        | 22.5        | 0.8                 |



## 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

|                 |        |      |      |      |      |      |     |
|-----------------|--------|------|------|------|------|------|-----|
| C82284J2JE6R8LC | MMKP82 | 0.28 | 26   | 12   | 21.5 | 22.5 | 0.8 |
| C82334J2JE6R8LC | MMKP82 | 0.33 | 26   | 12   | 21.5 | 22.5 | 0.8 |
| C82394J2JE6R8LC | MMKP82 | 0.39 | 26   | 12   | 21.5 | 22.5 | 0.8 |
| C82334J2JF1R8LC | MMKP82 | 0.33 | 31.5 | 10.8 | 19.5 | 27.5 | 0.8 |
| C82394J2JF1R8LC | MMKP82 | 0.39 | 31.5 | 10.8 | 19.5 | 27.5 | 0.8 |
| C82474J2JF2R8LC | MMKP82 | 0.47 | 31.5 | 13   | 21.6 | 27.5 | 0.8 |
| C82564J2JF2R8LC | MMKP82 | 0.56 | 31.5 | 13   | 21.6 | 27.5 | 0.8 |
| C82684J2JF3R8LC | MMKP82 | 0.68 | 31   | 14   | 25   | 27.5 | 0.8 |
| C82824J2JF4R8LC | MMKP82 | 0.82 | 31.5 | 16   | 25.5 | 27.5 | 0.8 |
| C82105J2JF5R8LC | MMKP82 | 1    | 31.5 | 16   | 30   | 27.5 | 0.8 |
| C82125J2JF5R8LC | MMKP82 | 1.2  | 31.5 | 16   | 30   | 27.5 | 0.8 |

说明 Note: “\*\*\*”表示内部特征码

“\*\*\*”=Internal use.

### ■ 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 Series | 容量<br>Capacitan<br>ce<br>(μF) | 尺寸 Dimension (mm) |       |       |       |        |
|                                  |           |                               | W±0.5             | T±0.5 | H±0.5 | P±0.5 | d±0.05 |
| C82102J3AC2R6LC                  | MMKP82    | 0.001                         | 13                | 5     | 11    | 10    | 0.6    |
| C82122J3AC2R6LC                  | MMKP82    | 0.0012                        | 13                | 5     | 11    | 10    | 0.6    |
| C82152J3AC2R6LC                  | MMKP82    | 0.0015                        | 13                | 5     | 11    | 10    | 0.6    |
| C82182J3AC2R6LC                  | MMKP82    | 0.0018                        | 13                | 5     | 11    | 10    | 0.6    |
| C82222J3AC2R6LC                  | MMKP82    | 0.0022                        | 13                | 5     | 11    | 10    | 0.6    |
| C82272J3AC2R6LC                  | MMKP82    | 0.0027                        | 13                | 5     | 11    | 10    | 0.6    |
| C82332J3AC2R6LC                  | MMKP82    | 0.0033                        | 13                | 5     | 11    | 10    | 0.6    |
| C82392J3AC2R6LC                  | MMKP82    | 0.0039                        | 13                | 5     | 11    | 10    | 0.6    |
| C82472J3AC2R6LC                  | MMKP82    | 0.0047                        | 13                | 5     | 11    | 10    | 0.6    |
| C82562J3AC2R6LC                  | MMKP82    | 0.0056                        | 13                | 5     | 11    | 10    | 0.6    |
| C82682J3AC2R6LC                  | MMKP82    | 0.0068                        | 13                | 5     | 11    | 10    | 0.6    |
| C82822J3AC2R6LC                  | MMKP82    | 0.0082                        | 13                | 5     | 11    | 10    | 0.6    |
| C82103J3AC2R6LC                  | MMKP82    | 0.01                          | 13                | 5     | 11    | 10    | 0.6    |
| C82392J3AD1R6LC                  | MMKP82    | 0.0039                        | 18                | 5     | 11    | 15    | 0.6    |
| C82562J3AD1R6LC                  | MMKP82    | 0.0056                        | 18                | 5     | 11    | 15    | 0.6    |
| C82822J3AD2R8LC                  | MMKP82    | 0.0082                        | 18                | 6     | 12    | 15    | 0.8    |
| C82103J3AD2R8LC                  | MMKP82    | 0.01                          | 18                | 6     | 12    | 15    | 0.8    |
| C82123J3AD2R8LC                  | MMKP82    | 0.012                         | 18                | 6     | 12    | 15    | 0.8    |



## 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

|                        |               |              |           |            |             |           |            |
|------------------------|---------------|--------------|-----------|------------|-------------|-----------|------------|
| C82153J3AD2R8LC        | MMKP82        | 0.015        | 18        | 6          | 12          | 15        | 0.8        |
| C82153J3AD3R8LC        | MMKP82        | 0.015        | 18        | 7.5        | 13.5        | 15        | 0.8        |
| <b>C82183J3AD3R8LC</b> | <b>MMKP82</b> | <b>0.018</b> | <b>18</b> | <b>7.5</b> | <b>13.5</b> | <b>15</b> | <b>0.8</b> |
| C82223J3AD3R8LC        | MMKP82        | 0.022        | 18        | 7.5        | 13.5        | 15        | 0.8        |
| C82473J3AD3R8LC        | MMKP82        | 0.047        | 18        | 7.5        | 13.5        | 15        | 0.8        |
| C82683J3AD3R8LC        | MMKP82        | 0.068        | 18        | 7.5        | 13.5        | 15        | 0.8        |
| C82273J3AD4R8LC        | MMKP82        | 0.027        | 18        | 8.4        | 14.5        | 15        | 0.8        |
| C82333J3AD4R8LC        | MMKP82        | 0.033        | 18        | 8.4        | 14.5        | 15        | 0.8        |
| C82333J3AD6R8LC        | MMKP82        | 0.033        | 18        | 10         | 15.8        | 15        | 0.8        |
| C82393J3AD6R8LC        | MMKP82        | 0.039        | 18        | 10         | 15.8        | 15        | 0.8        |
| C82563J3AD7R8LC        | MMKP82        | 0.056        | 18        | 10.8       | 19          | 15        | 0.8        |
| C82393J3AD8R8LC        | MMKP82        | 0.039        | 18        | 11.2       | 19.2        | 15        | 0.8        |
| C82473J3AD8R8LC        | MMKP82        | 0.047        | 18        | 11.2       | 19.2        | 15        | 0.8        |

说明 Note: “\*\*\*”表示内部特征码

“\*\*\*”=Internal use.

### ■ 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 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     |
| C82273J3AE1R8LC                  | MMKP82        | 0.027                     | 26.5              | 6          | 15        | 22.5        | 0.8        |
| C82333J3AE1R8LC                  | MMKP82        | 0.033                     | 26.5              | 6          | 15        | 22.5        | 0.8        |
| C82393J3AE1R8LC                  | MMKP82        | 0.039                     | 26.5              | 6          | 15        | 22.5        | 0.8        |
| C82273J3AE2R8LC                  | MMKP82        | 0.027                     | 26.5              | 7          | 16.5      | 22.5        | 0.8        |
| C82333J3AE2R8LC                  | MMKP82        | 0.033                     | 26.5              | 7          | 16.5      | 22.5        | 0.8        |
| C82473J3AE2R8LC                  | MMKP82        | 0.047                     | 26.5              | 7          | 16.5      | 22.5        | 0.8        |
| C82563J3AE2R8LC                  | MMKP82        | 0.056                     | 26.5              | 7          | 16.5      | 22.5        | 0.8        |
| <b>C825633AE3R8LC</b>            | <b>MMKP82</b> | <b>0.056</b>              | <b>26.5</b>       | <b>8.5</b> | <b>17</b> | <b>22.5</b> | <b>0.8</b> |
| C82683J3AE3R8LC                  | MMKP82        | 0.068                     | 26.5              | 8.5        | 17        | 22.5        | 0.8        |



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

|                 |        |       |      |      |      |      |     |
|-----------------|--------|-------|------|------|------|------|-----|
| C82683J3AE4R8LC | MMKP82 | 0.068 | 26.5 | 10   | 19   | 22.5 | 0.8 |
| C82823J3AE4R8LC | MMKP82 | 0.082 | 26.5 | 10   | 19   | 22.5 | 0.8 |
| C82104J3AE4R8LC | MMKP82 | 0.1   | 26.5 | 10   | 19   | 22.5 | 0.8 |
| C82104J3AE5R8LC | MMKP82 | 0.12  | 26.5 | 11   | 20   | 22.5 | 0.8 |
| C82124J3AE5R8LC | MMKP82 | 0.12  | 26.5 | 11   | 20   | 22.5 | 0.8 |
| C82154J3AE6R8LC | MMKP82 | 0.15  | 26   | 12   | 21.5 | 22.5 | 0.8 |
| C82104J3AF1R8LC | MMKP82 | 0.1   | 31.5 | 10.8 | 19.5 | 27.5 | 0.8 |
| C82124J3AF1R8LC | MMKP82 | 0.12  | 31.5 | 10.8 | 19.5 | 27.5 | 0.8 |
| C82154J3AF1R8LC | MMKP82 | 0.15  | 31.5 | 10.8 | 19.5 | 27.5 | 0.8 |
| C82184J3AF2R8LC | MMKP82 | 0.18  | 31.5 | 13   | 21.6 | 27.5 | 0.8 |
| C82224J3AF2R8LC | MMKP82 | 0.22  | 31.5 | 13   | 21.6 | 27.5 | 0.8 |
| C82274J3AF3R8LC | MMKP82 | 0.27  | 31   | 14   | 25   | 27.5 | 0.8 |
| C82334J3AF4R8LC | MMKP82 | 0.33  | 31.5 | 16   | 25.5 | 27.5 | 0.8 |
| C82394J3AF5R8LC | MMKP82 | 0.39  | 31.5 | 16   | 30   | 27.5 | 0.8 |
| C82474J3AF9R8LC | MMKP82 | 0.47  | 31.5 | 18   | 28   | 27.5 | 0.8 |

说明 Note: “\*\*\*”表示内部特征码

“\*\*\*”=Internal use.

## ■ 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 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 |
| C82122J3CD2R8LC                  | MMKP82    | 0.0012                    | 18                | 6     | 12    | 15    | 0.8    |
| C82152J3CD2R8LC                  | MMKP82    | 0.0015                    | 18                | 6     | 12    | 15    | 0.8    |
| C82182J3CD2R8LC                  | MMKP82    | 0.0018                    | 18                | 6     | 12    | 15    | 0.8    |
| C8222J3CD2R8LC                   | MMKP82    | 0.0022                    | 18                | 6     | 12    | 15    | 0.8    |



## 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

|                 |        |        |      |      |      |      |     |
|-----------------|--------|--------|------|------|------|------|-----|
| C82272J3CD2R8LC | MMKP82 | 0.0027 | 18   | 6    | 12   | 15   | 0.8 |
| C82332J3CD2R8LC | MMKP82 | 0.0033 | 18   | 6    | 12   | 15   | 0.8 |
| C82392J3CD2R8LC | MMKP82 | 0.0039 | 18   | 6    | 12   | 15   | 0.8 |
| C82472J3CD2R8LC | MMKP82 | 0.0047 | 18   | 6    | 12   | 15   | 0.8 |
| C82562J3CD2R8LC | MMKP82 | 0.0056 | 18   | 6    | 12   | 15   | 0.8 |
| C82682J3CD2R8LC | MMKP82 | 0.0068 | 18   | 6    | 12   | 15   | 0.8 |
| C82822J3CD2R8LC | MMKP82 | 0.0082 | 18   | 6    | 12   | 15   | 0.8 |
| C82103J3CD2R8LC | MMKP82 | 0.01   | 18   | 6    | 12   | 15   | 0.8 |
| C82123J3CD3R8LC | MMKP82 | 0.012  | 18   | 7.5  | 13.5 | 15   | 0.8 |
| C82153J3CD3R8LC | MMKP82 | 0.015  | 18   | 7.5  | 13.5 | 15   | 0.8 |
| C82183J3CD4R8LC | MMKP82 | 0.018  | 18   | 8.4  | 14.5 | 15   | 0.8 |
| C82223J3CD4R8LC | MMKP82 | 0.022  | 18   | 8.4  | 14.5 | 15   | 0.8 |
| C82273J3CD6R8LC | MMKP82 | 0.027  | 18   | 10   | 15.8 | 15   | 0.8 |
| C82273J3CDAR8LC | MMKP82 | 0.027  | 18   | 10   | 15.8 | 15   | 0.8 |
| C82333J3CD8R8LC | MMKP82 | 0.033  | 18   | 11.2 | 19.2 | 15   | 0.8 |
| C82153J3CE1R8LC | MMKP82 | 0.015  | 26.5 | 6    | 15   | 22.5 | 0.8 |
| C82103J3CE2R8LC | MMKP82 | 0.01   | 26.5 | 7    | 16.5 | 22.5 | 0.8 |
| C82183J3CE1R8LC | MMKP82 | 0.018  | 26.5 | 6    | 15   | 22.5 | 0.8 |
| C82223J3CE1R8LC | MMKP82 | 0.022  | 26.5 | 6    | 15   | 22.5 | 0.8 |
| C82273J3CE2R8LC | MMKP82 | 0.027  | 26.5 | 7    | 16.5 | 22.5 | 0.8 |
| C82333J3CE2R8LC | MMKP82 | 0.033  | 26.5 | 7    | 16.5 | 22.5 | 0.8 |
| C82393J3CE3R8LC | MMKP82 | 0.039  | 26.5 | 8.5  | 17   | 22.5 | 0.8 |
| C82473J3CE4R8LC | MMKP82 | 0.047  | 26.5 | 10   | 19   | 22.5 | 0.8 |
| C82563J3CE4R8LC | MMKP82 | 0.056  | 26.5 | 10   | 19   | 22.5 | 0.8 |
| C82683J3CE5R8LC | MMKP82 | 0.068  | 26.5 | 11   | 20   | 22.5 | 0.8 |
| C82823J3CE6R8LC | MMKP82 | 0.082  | 26   | 12   | 21.5 | 22.5 | 0.8 |
| C82823J3CF1R8LC | MMKP82 | 0.082  | 31.5 | 10.8 | 19.5 | 27.5 | 0.8 |
| C82104J3CF1R8LC | MMKP82 | 0.1    | 31.5 | 10.8 | 19.5 | 27.5 | 0.8 |
| C82124J3CF2R8LC | MMKP82 | 0.12   | 31.5 | 13   | 21.6 | 27.5 | 0.8 |
| C82154J3CF3R8LC | MMKP82 | 0.15   | 31   | 14   | 25   | 27.5 | 0.8 |
| C82184J3CF3R8LC | MMKP82 | 0.18   | 31   | 14   | 25   | 27.5 | 0.8 |
| C82224J3CF5R8LC | 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

| 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 |
| C82151K3DD2R8LC                  | MMK<br>P82   | 0.00015                         | 18                | 6           | 12          | 15          | 0.8          |
| C82331K3DD2R8LC                  | MMK<br>P82   | 0.00033                         | 18                | 6           | 12          | 15          | 0.8          |
| C82821K3DD2R8LC                  | MMK<br>P82   | 0.00082                         | 18                | 6           | 12          | 15          | 0.8          |
| C82102J3DD2R8LC                  | MMK<br>P82   | 0.001                           | 18                | 6           | 12          | 15          | 0.8          |
| C82122J3DD2R8LC                  | MMK<br>P82   | 0.0012                          | 18                | 6           | 12          | 15          | 0.8          |
| C82152J3DD2R8LC                  | MMK<br>P82   | 0.0015                          | 18                | 6           | 12          | 15          | 0.8          |
| C82182J3DD2R8LC                  | MMK<br>P82   | 0.0018                          | 18                | 6           | 12          | 15          | 0.8          |
| C82222J3DD2R8LC                  | MMK<br>P82   | 0.0022                          | 18                | 6           | 12          | 15          | 0.8          |
| C82272J3DD2R8LC                  | MMK<br>P82   | 0.0027                          | 18                | 6           | 12          | 15          | 0.8          |
| C82332J3DD2R8LC                  | MMK<br>P82   | 0.0033                          | 18                | 6           | 12          | 15          | 0.8          |
| C82392J3DD2R8LC                  | MMK<br>P82   | 0.0039                          | 18                | 6           | 12          | 15          | 0.8          |
| C82472J3DD2R8LC                  | MMK<br>P82   | 0.0047                          | 18                | 6           | 12          | 15          | 0.8          |
| C82562J3DD3R8LC                  | MMK<br>P82   | 0.0056                          | 18                | 7.5         | 13.5        | 15          | 0.8          |
| C82682J3DD3R8LC                  | MMK<br>P82   | 0.0068                          | 18                | 7.5         | 13.5        | 15          | 0.8          |
| C82822J3DD4R8LC                  | MMK<br>P82   | 0.0082                          | 18                | 8.4         | 14.5        | 15          | 0.8          |
| C82103J3DD6R8LC                  | MMK<br>P82   | 0.01                            | 18                | 10          | 15.8        | 15          | 0.8          |
| C82123J3DD6R8LC                  | MMK<br>P82   | 0.012                           | 18                | 10          | 15.8        | 15          | 0.8          |
| C82123J3DD8R8LC                  | MMK<br>P82   | 0.012                           | 18                | 11.2        | 19.2        | 15          | 0.8          |
| C82153J3DD8R8LC                  | MMK<br>P82   | 0.015                           | 18                | 11.2        | 19.2        | 15          | 0.8          |
| C82103J3DE1R8LC                  | MMK          | 0.01                            | 26.5              | 6           | 15          | 22.5        | 0.8          |





## 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

|                        |                    |              |             |          |             |             |            |
|------------------------|--------------------|--------------|-------------|----------|-------------|-------------|------------|
|                        | P82                |              |             |          |             |             |            |
| C82123J3DE1R8LC        | MMK<br>P82         | 0.012        | 26.5        | 6        | 15          | 22.5        | 0.8        |
| C82153J3DE2R8LC        | MMK<br>P82         | 0.015        | 26.5        | 7        | 16.5        | 22.5        | 0.8        |
| <b>C82183J3DE2R8LC</b> | <b>MMK<br/>P82</b> | <b>0.018</b> | <b>26.5</b> | <b>7</b> | <b>16.5</b> | <b>22.5</b> | <b>0.8</b> |
| C82223J3DE3R8LC        | MMK<br>P82         | 0.022        | 26.5        | 8.5      | 17          | 22.5        | 0.8        |
| C82273J3DE4R8LC        | MMK<br>P82         | 0.027        | 26.5        | 10       | 19          | 22.5        | 0.8        |
| C82333J3DE4R8LC        | MMK<br>P82         | 0.033        | 26.5        | 10       | 19          | 22.5        | 0.8        |
| C82393J3DE5R8LC        | MMK<br>P82         | 0.039        | 26.5        | 11       | 20          | 22.5        | 0.8        |
| C82333J3DE6R8LC        | MMK<br>P82         | 0.033        | 26.5        | 12       | 21.5        | 22.5        | 0.8        |
| C82473J3DE6R8LC        | MMK<br>P82         | 0.047        | 26.5        | 12       | 21.5        | 22.5        | 0.8        |
| C82393J3DF1R8LC        | MMK<br>P82         | 0.039        | 31.5        | 10.8     | 19.5        | 27.5        | 0.8        |
| C82473J3DF1R8LC        | MMK<br>P82         | 0.047        | 31.5        | 10.8     | 19.5        | 27.5        | 0.8        |
| C82563J3DF2R8LC        | MMK<br>P82         | 0.056        | 31.5        | 13       | 21.6        | 27.5        | 0.8        |
| C82683J3DF2R8LC        | MMK<br>P82         | 0.068        | 31.5        | 13       | 21.6        | 27.5        | 0.8        |
| C82823J3DF3R8LC        | MMK<br>P82         | 0.082        | 31          | 14       | 25          | 27.5        | 0.8        |
| C82104J3DF4R8LC        | MMK<br>P82         | 0.1          | 31.5        | 16       | 25.5        | 27.5        | 0.8        |
| C82124J3DF4R8LC        | MMK<br>P82         | 0.12         | 31.5        | 16       | 25.5        | 27.5        | 0.8        |
| C82154J3DF5R8LC        | MMK<br>P82         | 0.15         | 31.5        | 16       | 30          | 27.5        | 0.8        |

说明 Note: “\*\*\*”表示内部特征码

“\*\*\*”=Internal use.

### 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 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 |
| C82102J3FD2R8LC                 | MMKP82    | 0.001                     | 18.0              | 6.0   | 12.0  | 15.0  | 0.8    |



## 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

|                 |        |        |      |      |      |      |     |
|-----------------|--------|--------|------|------|------|------|-----|
| C82122J3FD2R8LC | MMKP82 | 0.0012 | 18.0 | 6.0  | 12.0 | 15.0 | 0.8 |
| C82152J3FD2R8LC | MMKP82 | 0.0015 | 18.0 | 6.0  | 12.0 | 15.0 | 0.8 |
| C82182J3FD2R8LC | MMKP82 | 0.0018 | 18.0 | 6.0  | 12.0 | 15.0 | 0.8 |
| C82222J3FD2R8LC | MMKP82 | 0.0022 | 18.0 | 6.0  | 12.0 | 15.0 | 0.8 |
| C82272J3FD2R8LC | MMKP82 | 0.0027 | 18.0 | 6.0  | 12.0 | 15.0 | 0.8 |
| C82332J3FD3R8LC | MMKP82 | 0.0033 | 18.0 | 7.5  | 13.5 | 15.0 | 0.8 |
| C82392J3FD3R8LC | MMKP82 | 0.0039 | 18.0 | 7.5  | 13.5 | 15.0 | 0.8 |
| C82472J3FD4R8LC | MMKP82 | 0.0047 | 18.0 | 8.4  | 14.5 | 15.0 | 0.8 |
| C82562J3FD5R8LC | MMKP82 | 0.0056 | 18.0 | 9.5  | 15.5 | 15.0 | 0.8 |
| C82682J3FD6R8LC | MMKP82 | 0.0068 | 18.0 | 9.5  | 15.5 | 15.0 | 0.8 |
| C82822J3FD8R8LC | MMKP82 | 0.0082 | 18.0 | 11.2 | 19.2 | 15.0 | 0.8 |
| C82332J3FE1R8LC | MMKP82 | 0.0033 | 26.5 | 6    | 15   | 22.5 | 0.8 |
| C82442J3FE2R8LC | MMKP82 | 0.0044 | 26.5 | 7.0  | 16.5 | 22.5 | 0.8 |
| C82472J3FE2R8LC | MMKP82 | 0.0047 | 26.5 | 7.0  | 16.5 | 22.5 | 0.8 |
| C82562J3FE2R8LC | MMKP82 | 0.0056 | 26.5 | 7.0  | 16.5 | 22.5 | 0.8 |
| C82682J3FE2R8LC | MMKP82 | 0.0068 | 26.5 | 7.0  | 16.5 | 22.5 | 0.8 |
| C82822J3FE3R8LC | MMKP82 | 0.0082 | 26.5 | 8.5  | 17.0 | 22.5 | 0.8 |
| C82103J3FE3R8LC | MMKP82 | 0.01   | 26.5 | 8.5  | 17.0 | 22.5 | 0.8 |
| C82123J3FE4R8LC | MMKP82 | 0.012  | 26.5 | 10.0 | 19.0 | 22.5 | 0.8 |
| C82153J3FE4R8LC | MMKP82 | 0.015  | 26.5 | 10   | 19   | 22.5 | 0.8 |
| C82153J3FE5R8LC | MMKP82 | 0.015  | 26.5 | 11.0 | 20.0 | 22.5 | 0.8 |
| C82183J3FE6R8LC | MMKP82 | 0.018  | 26   | 12.0 | 21.5 | 22.5 | 0.8 |
| C82223J3FE6R8LC | MMKP82 | 0.022  | 26.5 | 12   | 21.5 | 22.5 | 0.8 |
| C82223J3FE7R8LC | 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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