

C82

Double sided Metallized Polypropylene Film Capacitor (Box-type)
双面金属化聚丙烯膜电容器 (盒装型)

外形图 Outline

■特点

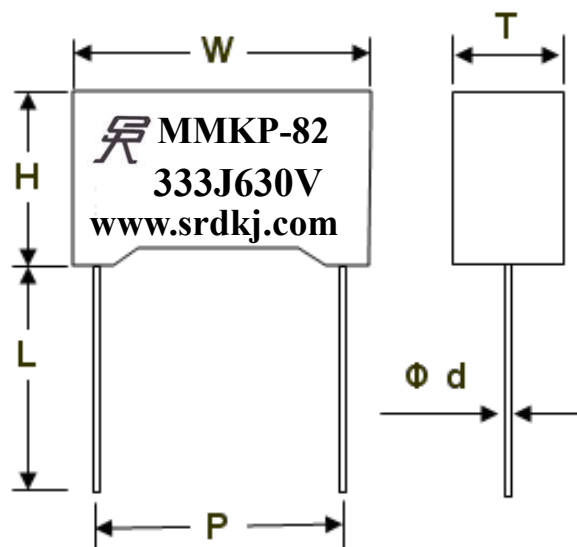
- 双面金属化聚丙烯膜
- 损耗小，内部温升小
- 小型化的安装尺寸
- 优异的阻燃性能(UL94V-0)

■主要用途

- 广泛应用于高压高频脉冲电路中
- 电视机中的 S 校正和行逆程波形和显示器中
- 电子整流器和节能灯中
- 吸收和 SCR 整流电路中

■符合 ROHS.REACH 等标准

■技术参数



| | | | | |
|---|---|--|--------|--------|
| 引用标准 | GB/T10190 (IEC60384-16) | | | |
| 气候条件 | 40/105°C/56d | | | |
| 工作温度 | -40°C~+105°C | | | |
| 额定电压 | 630V;1000V;1600V;2000V;3000V | | | |
| 容量范围 | 0.001 μF~1.0 μF | | | |
| 容量误差 | J—±5% ; K—±10% | | | |
| 耐电压 | 端子与端子: 1.6UR (VDC) 5S 端子与外壳: 2000VAC 5S | 无击穿或飞狐 | | |
| 损耗角 | ≤0.0010 1KHZ | 20°C; 1V 测试电压 | | |
| 绝缘电阻或时间常数 | CR≤0.33 μF IR≥100000MΩ CR>0.33 μF IR≥30000S (MΩ. μF) | 充电电压 100V 20°C; 充电 1min 测试后测得 | | |
| 耐久负荷测试 | 温度 105°C, 连续工作 1000 小时 施加电压: 额定电压 UR | 电容量衰减量: ΔC/C≤10% 损耗角衰减量: ΔTg δ ≤0.5% (1KHZ) 绝缘电阻值: IR≥50% IR : IR≥50% | | |
| 最大脉冲爬升速率 (dv/dt) : 若实际工作电压比额定电压 低, 该电容器可以工作在更高 的 dv/dt 场合, | 额定电压 | dv/dt (V/μs) | | |
| | | P=15 | P=22.5 | P=27.5 |
| | 630V | 2500 | 1600 | 1000 |
| | 1000V | 3500 | 2500 | 1300 |
| | 1600V | 6300 | 3200 | 2200 |
| | 2000V | 12000 | 5000 | 2500 |
| | 3000V | - | 8000 | - |

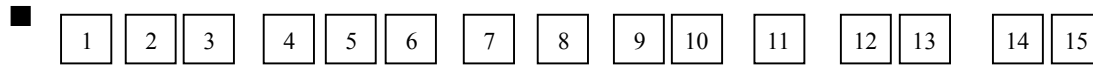
注: 可根据客户使用定制容量产品, 具体参数依据承认书资料为准。

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Double sided Metallized Polypropylene Film Capacitor (Box-type) 双面金属化聚丙烯膜电容器 (盒装型)

■ C82 产品编码规则

■ 15 位产品代码规定如下:



二. 各部分组成内容

型号代码 (第 1~3 位数)

C82 双面金属化聚丙烯膜电容器 (盒装型)

标称容量 (第 4~6 位数) Norminal

例如 e. g. : 104=10×10⁴ pF=0.1μF

标容量误差代码 (第 7 位数)

例如 e. g. : J=±5% K=±10%

额定电压 (第 8 位数)

6----630V A----1000V C----1600V D----2000V E----3000V

塑壳代码 (第 9~10 位数)

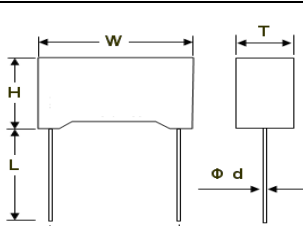
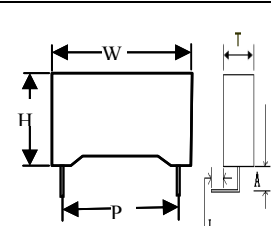
| 代码 | 壳号 | 代码 | 壳号 | 代码 | 壳号 | 代码 | 壳号 | 代码 | 壳号 | 代码 | 壳号 |
|----|----|----|------|----|------|----|----|----|----|----|------|
| M1 | M1 | C1 | C1 | D5 | D5 | E5 | E5 | E1 | E1 | F8 | F8 |
| M2 | M2 | C2 | C2 | D7 | D7 | E6 | E6 | E2 | E2 | G1 | TB5 |
| M3 | M3 | C3 | C3 | D8 | D8-3 | E7 | E7 | E3 | E3 | G2 | F14 |
| M4 | M4 | CA | C5-1 | DA | DA | F1 | F1 | E4 | E4 | G3 | TB4 |
| M5 | M5 | D1 | D1 | D3 | D3 | F2 | F2 | F4 | F4 | G4 | TB23 |
| M6 | M6 | D2 | D2 | D4 | D4 | F3 | F3 | F7 | F7 | G5 | TB20 |

商标+塑壳颜色 (第 11 位数)

| 代码 | 商标 + 塑壳颜色 | 代码 | 商标 + 塑壳颜色 |
|----|-----------------|----|------------------|
| R | SRD + 灰色激光打印+网址 | S | SRD + 黄色有+光打印+网址 |

内部识别码 (第 12~13 位数)

外形加工识别码 (第 14~15 位数)

| | | | | | | |
|---|---------|---------|--|---------|---------|---------|
| 说明: 标准引线长度为 13mm | | | | | | |
| 切引线标准长度 (mm) | 3.0±0.5 | 3.5±0.5 | 4.0±0.5 | 4.5±0.5 | 5.0±0.5 | 5.5±0.5 |
| 直切脚加工图形 | | | 弯切脚加工图形 | | | |
|  | | |  | | | |

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双面金属化聚丙烯膜电容器 (盒装型)

■成品尺寸表

| 630V | | | | | | | | | | | |
|---------------|--------|---------------|------|------|------|---------------|-------|---------------|------|------|------|
| 成品编码 | 容量 | 外形尺寸±0.5 (mm) | | | | 成品编码 | 容量 | 外形尺寸±0.5 (mm) | | | |
| | μF | W | T | H | P | | μF | W | T | H | P |
| C82103J6D1R00 | 0.01 | 18 | 5 | 11 | 15 | C82473J6E1R00 | 0.047 | 26.5 | 6 | 15 | 22.5 |
| C82123J6D1R00 | 0.012 | 18 | 5 | 11 | 15 | C82563J6E1R00 | 0.056 | 26.5 | 6 | 15 | 22.5 |
| C82153J6D1R00 | 0.015 | 18 | 5 | 11 | 15 | C82683J6E2R00 | 0.068 | 26.5 | 7 | 16.5 | 22.5 |
| C82183J6D1R00 | 0.018 | 18 | 5 | 11 | 15 | C82823J6E2R00 | 0.082 | 26.5 | 7 | 16.5 | 22.5 |
| C82223J6D2R00 | 0.022 | 18 | 6 | 12 | 15 | C82104J6E3R00 | 0.1 | 26.5 | 8.5 | 17 | 22.5 |
| C82273J6D2R00 | 0.027 | 18 | 6 | 12 | 15 | C82124J6E3R00 | 0.12 | 26.5 | 8.5 | 17 | 22.5 |
| C82333J6D2R00 | 0.033 | 18 | 6 | 12 | 15 | C82154J6E4R00 | 0.15 | 26.5 | 10 | 19 | 22.5 |
| C82393J6D2R00 | 0.039 | 18 | 6 | 12 | 15 | C82184J6E5R00 | 0.18 | 26.5 | 11 | 20 | 22.5 |
| C82473J6D2R00 | 0.047 | 18 | 6 | 12 | 15 | C82224J6E6R00 | 0.22 | 26.5 | 12 | 21.5 | 22.5 |
| C82563J6D3R00 | 0.056 | 18 | 7.5 | 13.5 | 15 | C82274J6E7R00 | 0.27 | 26.5 | 13 | 23 | 22.5 |
| C82683J6D3R00 | 0.068 | 18 | 7.5 | 13.5 | 15 | C82394J6F4R00 | 0.39 | 31.5 | 16 | 25.5 | 27.5 |
| C82823J6D4R00 | 0.082 | 18 | 8.4 | 14.5 | 15 | C82474J6F4R00 | 0.47 | 31.5 | 16 | 25.5 | 27.5 |
| C82104J6D5R00 | 0.1 | 18 | 9.5 | 15.5 | 15 | C82564J6F7R00 | 0.56 | 31.5 | 18 | 26 | 27.5 |
| C82124J6D8R00 | 0.12 | 18 | 11.2 | 19.2 | 15 | C82684J6F7R00 | 0.68 | 31.5 | 18 | 26 | 27.5 |
| C82333J6E1R00 | 0.033 | 26.5 | 6 | 15 | 22.5 | C82824J6F8R00 | 0.82 | 31.5 | 22 | 31 | 27.5 |
| C82393J6E1R00 | 0.039 | 26.5 | 6 | 15 | 22.5 | C82105J6F8R00 | 1.0 | 31.5 | 22 | 31 | 27.5 |
| 1000V | | | | | | | | | | | |
| 成品编码 | 容量 | 外形尺寸±0.5 (mm) | | | | 成品编码 | 容量 | 外形尺寸±0.5 (mm) | | | |
| | μF | W | T | H | P | | μF | W | T | H | P |
| C82222JAD1R00 | 0.0022 | 18 | 5 | 11 | 15 | C82333JAE2R00 | 0.033 | 26.5 | 7 | 16.5 | 22.5 |
| C82272JAD1R00 | 0.0027 | 18 | 5 | 11 | 15 | C82393JAE2R00 | 0.039 | 26.5 | 7 | 16.5 | 22.5 |
| C82332JAD1R00 | 0.0033 | 18 | 5 | 11 | 15 | C82473JAE3R00 | 0.047 | 26.5 | 8.5 | 17 | 22.5 |
| C82392JAD1R00 | 0.0039 | 18 | 5 | 11 | 15 | C82563JAE3R00 | 0.056 | 26.5 | 8.5 | 17 | 22.5 |
| C82472JAD1R00 | 0.0047 | 18 | 5 | 11 | 15 | C82683JAE4R00 | 0.068 | 26.5 | 10 | 19 | 22.5 |
| C82562JAD1R00 | 0.0056 | 18 | 5 | 11 | 15 | C82823JAE5R00 | 0.082 | 26.5 | 11 | 20 | 22.5 |
| C82682JAD1R00 | 0.0068 | 18 | 5 | 11 | 15 | C82104JAE5R00 | 0.1 | 26.5 | 11 | 20 | 22.5 |
| C82822JAD2R00 | 0.0082 | 18 | 6 | 12 | 15 | C82124JAE6R00 | 0.12 | 26.5 | 12 | 21.5 | 22.5 |
| C82103JAD2R00 | 0.01 | 18 | 6 | 12 | 15 | C82154JAE6R00 | 0.15 | 26.5 | 12 | 21.5 | 22.5 |
| C82123JAD2R00 | 0.012 | 18 | 6 | 12 | 15 | C82104JAF1R00 | 0.1 | 31.5 | 10.8 | 19.5 | 27.5 |
| C82153JAD3R00 | 0.015 | 18 | 7.5 | 13.5 | 15 | C82124JAF1R00 | 0.12 | 31.5 | 10.8 | 19.5 | 27.5 |
| C82183JAD3R00 | 0.018 | 18 | 7.5 | 13.5 | 15 | C82154JAF1R00 | 0.15 | 31.5 | 10.8 | 19.5 | 27.5 |
| C82223JAD4R00 | 0.022 | 18 | 8.4 | 14.5 | 15 | C82184JAF2R00 | 0.18 | 31.5 | 13 | 21.6 | 27.5 |
| C82273JAD4R00 | 0.027 | 18 | 8.4 | 14.5 | 15 | C82224JAF2R00 | 0.22 | 31.5 | 13 | 21.6 | 27.5 |
| C82333JADAR00 | 0.033 | 18 | 10 | 15.8 | 15 | C82274JAF4R00 | 0.27 | 31.5 | 16 | 25.5 | 27.5 |
| C82393JAD8R00 | 0.039 | 18 | 11.2 | 19.2 | 15 | C82334JAF8R00 | 0.33 | 31.5 | 22 | 31 | 27.5 |
| C82473JAD8R00 | 0.047 | 18 | 11.2 | 19.2 | 15 | C82394JAF8R00 | 0.39 | 31.5 | 22 | 31 | 27.5 |
| C82273JAE2R00 | 0.027 | 26.5 | 7 | 16.5 | 22.5 | C82474JAF8R00 | 0.47 | 31.5 | 22 | 31 | 27.5 |

Note: 使用涉及到和极限参数有关问题请与 SINCERITY 联系

Note: Any questions related to the parameters using, please contact Sincerity.

C82

Double sided Metallized Polypropylene Film Capacitor (Box-type)
双面金属化聚丙烯膜电容器 (盒装型)

| 1600V | | | | | | | | | | | |
|---------------|--------|---------------|------|------|------|---------------|-------|---------------|------|------|------|
| 成品编码 | 容量 | 外形尺寸±0.5 (mm) | | | | 成品编码 | 容量 | 外形尺寸±0.5 (mm) | | | |
| | μF | W | T | H | P | | μF | W | T | H | P |
| C82102JCD2R00 | 0.001 | 18 | 6 | 12 | 15 | C82223JCE1R00 | 0.022 | 26.5 | 6 | 15 | 22.5 |
| C82122JCD2R00 | 0.0012 | 18 | 6 | 12 | 15 | C82273JCE1R00 | 0.027 | 26.5 | 6 | 15 | 22.5 |
| C82152JCD2R00 | 0.0015 | 18 | 6 | 12 | 15 | C82333JCE2R00 | 0.033 | 26.5 | 7 | 16 | 22.5 |
| C82182JCD2R00 | 0.0018 | 18 | 6 | 12 | 15 | C82393JCE3R00 | 0.039 | 26.5 | 8.5 | 17 | 22.5 |
| C82222JCD2R00 | 0.0022 | 18 | 6 | 12 | 15 | C82473JCE4R00 | 0.047 | 26.5 | 10 | 19 | 22.5 |
| C82272JCD2R00 | 0.0027 | 18 | 6 | 12 | 15 | C82563JCE4R00 | 0.056 | 26.5 | 10 | 19 | 22.5 |
| C82332JCD2R00 | 0.0033 | 18 | 6 | 12 | 15 | C82683JCE6R00 | 0.068 | 26.5 | 12 | 21.5 | 22.5 |
| C82392JCD2R00 | 0.0039 | 18 | 6 | 12 | 15 | C82823JCE6R00 | 0.082 | 26.5 | 12 | 21.5 | 22.5 |
| C82472JCD2R00 | 0.0047 | 18 | 6 | 12 | 15 | C82104JCE7R00 | 0.1 | 26.5 | 13 | 23 | 22.5 |
| C82562JCD2R00 | 0.0056 | 18 | 6 | 12 | 15 | C82393JCF1R00 | 0.039 | 31.5 | 10.8 | 19.5 | 27.5 |
| C82682JCD2R00 | 0.0068 | 18 | 6 | 12 | 15 | C82473JCF1R00 | 0.047 | 31.5 | 10.8 | 19.5 | 27.5 |
| C82822JCD2R00 | 0.0082 | 18 | 6 | 12 | 15 | C82563JCF1R00 | 0.056 | 31.5 | 10.8 | 19.5 | 27.5 |
| C82103JCD2R00 | 0.010 | 18 | 6 | 12 | 15 | C82683JCF1R00 | 0.068 | 31.5 | 10.8 | 19.5 | 27.5 |
| C82123JCD3R00 | 0.012 | 18 | 7.5 | 13.5 | 15 | C82823JCF2R00 | 0.082 | 31.5 | 13 | 21.6 | 27.5 |
| C82153JCD3R00 | 0.015 | 18 | 7.5 | 13.5 | 15 | C82104JCF2R00 | 0.1 | 31.5 | 13 | 21.6 | 27.5 |
| C82183JCD4R00 | 0.018 | 18 | 8.4 | 14.5 | 15 | C82124JCF2R00 | 0.12 | 31.5 | 13 | 21.6 | 27.5 |
| C82223JCD4R00 | 0.022 | 18 | 8.4 | 14.5 | 15 | C82154JCF4R00 | 0.15 | 31.5 | 16 | 25.5 | 27.5 |
| C82273JCDAR00 | 0.027 | 18 | 10 | 15.8 | 15 | C82184JCF4R00 | 0.18 | 31.5 | 16 | 25.5 | 27.5 |
| C82333JCD8R00 | 0.033 | 18 | 11.2 | 19.2 | 15 | C82224JCF7R00 | 0.22 | 31.5 | 18 | 26 | 27.5 |
| C82153JCE1R00 | 0.015 | 26.5 | 6 | 15 | 22.5 | C82274JCF7R00 | 0.27 | 31.5 | 18 | 26 | 27.5 |
| C82183JCE1R00 | 0.018 | 26.5 | 6 | 15 | 22.5 | C82334JCF8R00 | 0.33 | 31.5 | 22 | 31 | 27.5 |
| 2000V | | | | | | | | | | | |
| 成品编码 | 容量 | 外形尺寸±0.5 (mm) | | | | 成品编码 | 容量 | 外形尺寸±0.5 (mm) | | | |
| | μF | W | T | H | P | | μF | W | T | H | P |
| C82102JDD2R00 | 0.001 | 18 | 6 | 12 | 15 | C82183JDE2R00 | 0.018 | 26.5 | 7 | 16.5 | 22.5 |
| C82122JDD2R00 | 0.0012 | 18 | 6 | 12 | 15 | C82223JDE3R00 | 0.022 | 26.5 | 8.4 | 17 | 22.5 |
| C82152JDD2R00 | 0.0015 | 18 | 6 | 12 | 15 | C82273JDE4R00 | 0.027 | 26.5 | 10 | 19 | 22.5 |
| C82182JDD2R00 | 0.0018 | 18 | 6 | 12 | 15 | C82333JDE4R00 | 0.033 | 26.5 | 10 | 19 | 22.5 |
| C82222JDD2R00 | 0.0022 | 18 | 6 | 12 | 15 | C82393JDE6R00 | 0.039 | 26.5 | 12 | 21.5 | 22.5 |
| C82272JDD2R00 | 0.0027 | 18 | 6 | 12 | 15 | C82473JDE6R00 | 0.047 | 26.5 | 12 | 21.5 | 22.5 |
| C82332JDD2R00 | 0.0033 | 18 | 6 | 12 | 15 | C82473JDF2R00 | 0.047 | 31.5 | 13 | 21.6 | 27.5 |
| C82392JDD2R00 | 0.0039 | 18 | 6 | 12 | 15 | C82563JDF2R00 | 0.056 | 31.5 | 13 | 21.6 | 27.5 |
| C82472JDD2R00 | 0.0047 | 18 | 6 | 12 | 15 | C82683JDF2R00 | 0.068 | 31.5 | 13 | 21.6 | 27.5 |
| C82562JDD3R00 | 0.0056 | 18 | 7.5 | 13.5 | 15 | C82823JDF4R00 | 0.082 | 31.5 | 16 | 25.5 | 27.5 |
| C82682JDD3R00 | 0.0068 | 18 | 7.5 | 13.5 | 15 | C82104JDF4R00 | 0.1 | 31.5 | 16 | 25.5 | 27.5 |
| C82822JDD4R00 | 0.0082 | 18 | 8.4 | 14.5 | 15 | C82124JDF8R00 | 0.12 | 31.5 | 22 | 31 | 27.5 |
| C82103JDD8R00 | 0.01 | 18 | 11.2 | 19.2 | 15 | C82154JDF8R00 | 0.15 | 31.5 | 22 | 31 | 27.5 |
| C82123JDD8R00 | 0.012 | 18 | 11.2 | 19.2 | 15 | C82184JDF8R00 | 0.18 | 31.5 | 22 | 31 | 27.5 |
| C82153JDD8R00 | 0.015 | 18 | 11.2 | 19.2 | 15 | C82224JDF8R00 | 0.22 | 31.5 | 22 | 31 | 27.5 |

Note: 使用涉及到和极限参数有关问题请与 SINCERITY 联系

Note: Any questions related to the parameters using, please contact Sincerity.

C82

Double sided Metallized Polypropylene Film Capacitor (Box-type)
双面金属化聚丙烯膜电容器 (盒装型)

| 3000V | | | | | | | | | | | |
|----------------|--------|---------------|---|------|------|----------------|--------|---------------|-----|------|------|
| 成品编码 | 容量 | 外形尺寸±0.5 (mm) | | | | 成品编码 | 容量 | 外形尺寸±0.5 (mm) | | | |
| | μF | W | T | H | P | | μF | W | T | H | P |
| C82J102JEE1R00 | 0.001 | 26.5 | 6 | 15 | 22.5 | C82J822JEE2R00 | 0.0082 | 26.5 | 7 | 16.5 | 22.5 |
| C82J122JEE1R00 | 0.0012 | 26.5 | 6 | 15 | 22.5 | C82J103JEE3R00 | 0.01 | 26.5 | 8.5 | 17 | 22.5 |
| C82J152JEE1R00 | 0.0015 | 26.5 | 6 | 15 | 22.5 | C82J123JEE4R00 | 0.012 | 26.5 | 10 | 19 | 22.5 |
| C82J182JEE1R00 | 0.0018 | 26.5 | 6 | 15 | 22.5 | C82J153JEE4R00 | 0.015 | 26.5 | 10 | 19 | 22.5 |
| C82J222JEE1R00 | 0.0022 | 26.5 | 6 | 15 | 22.5 | C82J183JEE6R00 | 0.018 | 26.5 | 12 | 21.5 | 22.5 |
| C82J272JEE1R00 | 0.0027 | 26.5 | 6 | 15 | 22.5 | C82J223JEE6R00 | 0.022 | 26.5 | 12 | 21.5 | 22.5 |
| C82J332JEE1R00 | 0.0033 | 26.5 | 6 | 15 | 22.5 | C82J273JEE6R00 | 0.027 | 26.5 | 12 | 21.5 | 22.5 |
| C82J392JEE1R00 | 0.0039 | 26.5 | 6 | 15 | 22.5 | C82J333JEE7R00 | 0.033 | 26.5 | 13 | 23 | 22.5 |
| C82J472JEE2R00 | 0.0047 | 26.5 | 7 | 16.5 | 22.5 | C82J393JEE7R00 | 0.039 | 26.5 | 13 | 23 | 22.5 |
| C82J562JEE2R00 | 0.0056 | 26.5 | 7 | 16.5 | 22.5 | C82J473JEE7R00 | 0.047 | 26.5 | 13 | 23 | 22.5 |
| C82J682JEE2R00 | 0.0068 | 26.5 | 7 | 16.5 | 22.5 | C82J563JEE7R00 | 0.056 | 26.5 | 13 | 23 | 22.5 |

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[MPP684J6241219LC](#) [PPB102JDE1RLC](#) [PPS682JD240815LC](#) [PPS823JA241724LC](#) [MP2684KGF1XLC](#) [C82393JCE3RLC](#)
[MP1683KRC2RLC](#) [MP1683KRC3RLC](#) [MPP334J2190611LC](#) [MPP683J6130611LC](#) [MPP154J4190611LC](#) [MPP473J2130407LC](#)
[MP2563KGC2XLC](#) [MP2124KGD2XLC](#) [C82223JAD4RLC](#) [MP2205KGF1XLC](#) [MPP155J4310919LC](#) [MPP155J4190818LC](#)
[MP2125KGE2XLC](#) [C82473JAD8RLC](#) [MP2153KGC2RLC](#) [MP2184KGC3RLC](#) [MPP104J4130612LC](#) [MP2224KGE1XLC](#)
[MPP274J6130714LC](#) [MP1224KTC5RLC](#) [MPP225J6351826LC](#) [MP2275KGE5XLC](#) [MP2105KGF2RLC](#) [MP1474KTE4RLC](#)
[MPP224K6130713LC](#) [MPP275J2311018LC](#) [PPB103JDDARLC](#) [PPS332JA130712LC](#) [MPP224J4130509LC](#) [C82102JCD2RA0](#)
[MP1104KTD2RLC](#) [C82473J6D3RA0](#) [MPP105J6241120LC](#) [MP2225KGF2XLC](#) [MP2224KVD2RLC](#) [MP2104KGC2XLC](#)
[MPP823J4130510LC](#) [MPP224J5130512LC](#)