



金属化聚丙烯膜电容器 Metallized polypropylene film capacitor(Box-type)

■ 外形图 Outline Drawing



■ 特点

- 金属化聚丙烯膜
- 良好的电性能
- 塑料外壳 (UL94 V-0), 阻燃环氧填充

■ 主要用途

- 用于开关电源、电子镇流器和变频器等中间电路直流滤波 (如: DC-Link、PFC等)

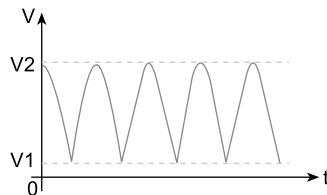
■ Features

- Metallized polypropylene film
- Excellent electric property
- Plastic case (UL94 V-0), epoxy resin sealing

■ Typical Applications

- As intermediate circuit capacitors for SMPS, electronic ballast, inverter (i.e. DC-link, DC-filter and P.F.C)

α : The C35 series is only recommended to use in DC-filter or DC-blocking circuits. It means the voltage applied to the capacitors must be unidirectional ripple voltage. The typical voltage curve is as following reference. If you have any questions for this note, please feel free to contact our technical engineer.



Here: $V_1 \geq 0$, $V_2 \leq U_R$, $V_{rms} = (V_2 - V_1) \div \sqrt{2}$, $I_{rms} = 2\pi f \times C \times (V_2 - V_1) \div \sqrt{2}$
 U_R is the rated voltage of the capacitor

■ 技术要求 Specifications

| | | | | | | | | | |
|--|---|---------------------------------------|--------|--------|--------|-----------------|--------|--------|--------|
| 引用标准 Reference Standard | GB/T 10190(IEC 60384-16) | | | | | | | | |
| 气候类别 Climatic Category | 40/105/56 | | | | | | | | |
| 额定温度 Rated Temperature | 85℃ | | | | | | | | |
| 工作温度范围 Operating Temperature Range | -40℃ ~105℃ (+85℃ to +105℃: decreasing factor 1.25% per °C for U_R) | | | | | | | | |
| 额定电压 Rated Voltage | 450Vdc, 520Vdc, 630Vdc | | | | | | | | |
| 电容量范围 Capacitance Range | 0.022μF ~ 22μF | | | | | | | | |
| 电容量偏差 Capacitance Tolerance | ± 5%(J), ± 10%(K), ± 20%(M) | | | | | | | | |
| 耐电压 Voltage Proof | 1.6 U_R (5s) | | | | | | | | |
| 损耗角正切 Dissipation Factor | ≤ 15×10^{-4} (1kHz, 20℃) | | | | | | | | |
| 绝缘电阻 Insulation Resistance | R ≥ 100 000MΩ, $C_N \leq 0.33\mu F$ RC _N ≥ 30 000s, $C_N > 0.33\mu F$ (20℃, 100V, 1min) | | | | | | | | |
| 最大脉冲爬升速率 Maximum Pulse Rise Time(dV/dt): 若实际工作电压 U 比额定电压 U_R 低, 电容器可工作在更高的 dV/dt 场合, 这样 dV/dt 允许值应为右表值乘以 U_R/U 。 If the working voltage(U) is lower than the rated voltage(U_R), the capacitor can be worked at a higher dV/dt. In this case, the maximum allowed dV/dt is obtain by multiplying the right value with U_R/U . | $U_R(V)$ | Max dV/dt(V/μs) —Miniature version | | | | Max dV/dt(V/μs) | | | |
| | | P=10.0 | P=15.0 | P=22.5 | P=27.5 | P=10.0 | P=15.0 | P=22.5 | P=27.5 |
| | 450 | 100 | 65 | 35 | 20 | 300 | 200 | 100 | 80 |
| | 520 | 120 | 80 | 60 | 40 | 350 | 220 | 150 | 100 |
| 630 | 200 | 160 | 70 | 50 | 400 | 300 | 180 | 120 | |

产品编码说明 Part number system

■ 18位产品代码如下：

The 18 digits part number is formed as follow:

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| C | 3 | 5 | | | | | | | | | | | | | | | |

| | | | |
|---------|---------------------------------------|----------------|---|
| 第1~3位 | 型号代码 | Digit 1 to 3 | Series code |
| | C35=MKP25 | | C35=MKP25 |
| 第4~5位 | 直流额定电压 | Digit 4 to 5 | DC rated voltage |
| | 2S=450V 2T=520V 2J=630V | | 2S=450V 2T=520V 2J=630V |
| 第6~8位 | 标称容量 | Digit 6 to 8 | Rated capacitance value |
| | 举例：103=10 × 10 ³ pF=0.01μF | | For example: 103=10 × 10 ³ pF=0.01μF |
| 第9位 | 容量偏差 | Digit 9 | Capacitance tolerance |
| | J= ± 5%, K= ± 10%, M= ± 20% | | J= ± 5%, K= ± 10%, M= ± 20% |
| 第10位 | 引线脚距P | Digit 10 | Pitch |
| | 4=10.0mm 6=15.0mm | | 4=10.0mm 6=15.0mm |
| | 9=22.5mm B=27.5mm | | 9=22.5mm B=27.5mm |
| 第11位 | 内部特征码 | Digit 11 | Internal use |
| 第12~15位 | 引线加工和包装代码 | Digit 12 to 15 | Lead form and packaging code |
| 第16~18位 | 内部特征码 | Digit 16 to 18 | Internal use |

■ Table 1 引线加工和包装代码 lead form and packaging code

| 第 12 位 Digit 12 | | 第 13 位 Digit 13 | | 第 14 位 Digit 14 | | 第 15 位 Digit 15 | |
|-----------------|---|-----------------|---|-----------------|------------------|-----------------|---|
| 代码 Code | 说明 explanation | 代码 Code | 说明 explanation | 代码 Code | 说明 explanation | 代码 Code | 说明 explanation |
| A | 弹带包装 ammo-pack | 4 6 | F=10.0mm F=15.0mm | 0 | 表示直脚 straight | 5 | P3=25.4mm;H=18.5mm (For pitch=10.0/15.0mm) (Detail parameter refer to catalogue pag17) |
| C | 直脚 straight lead “C” in the figure above | 代码 Code | 说明 explanation | | | 0 | 引线长度偏差 ± 0.5mm 或标准长度 Length tolerance ± 0.5mm Or standard length |
| | | 00 | 标准的引线长度 (18mm~26mm) standard lead length | | | | |
| | | 45 | 引线长度 4.5mm lead length 4.5mm | | | | |



C35
MKP25 series

■ 外形尺寸 Dimensions (mm)

小型化 Miniature version — (Small sizes+Segmented metallized–film design)

| 450Vdc | | | | | | | 520Vdc | | | | | | | 630Vdc | | | | | | | |
|------------------------|------|------|------|------|-----|------------------|------------------------|------|------|------|------|-----|------------------|------------------------|------|------|------|------|-----|------------------|--|
| C _N (μF) | W | H | T | P | d | Part number | C _N (μF) | W | H | T | P | d | Part number | C _N (μF) | W | H | T | P | d | Part number | |
| 0.12 | 13.0 | 9.0 | 4.0 | 10 | 0.6 | C352S124-4S****+ | 0.082 | 13.0 | 9.0 | 4.0 | 10 | 0.6 | C352T823-4S****+ | 0.056 | 13.0 | 9.0 | 4.0 | 10 | 0.6 | C352J563-4S****+ | |
| 0.15 | 13.0 | 9.0 | 4.0 | 10 | 0.6 | C352S154-4S****+ | 0.10 | 13.0 | 9.0 | 4.0 | 10 | 0.6 | C352T104-4S****+ | 0.068 | 13.0 | 9.0 | 4.0 | 10 | 0.6 | C352J683-4S****+ | |
| 0.18 | 13.0 | 11.0 | 5.0 | 10 | 0.6 | C352S184-4S****+ | 0.12 | 13.0 | 11.0 | 5.0 | 10 | 0.6 | C352T124-4S****+ | 0.082 | 13.0 | 11.0 | 5.0 | 10 | 0.6 | C352J823-4S****+ | |
| 0.22 | 13.0 | 11.0 | 5.0 | 10 | 0.6 | C352S224-4S****+ | 0.15 | 13.0 | 11.0 | 5.0 | 10 | 0.6 | C352T154-4S****+ | 0.10 | 13.0 | 11.0 | 5.0 | 10 | 0.6 | C352J104-4S****+ | |
| 0.27 | 13.0 | 12.0 | 6.0 | 10 | 0.6 | C352S274-4S****+ | 0.18 | 13.0 | 12.0 | 6.0 | 10 | 0.6 | C352T184-4S****+ | 0.12 | 13.0 | 12.0 | 6.0 | 10 | 0.6 | C352J124-4S****+ | |
| 0.33 | 13.0 | 12.0 | 6.0 | 10 | 0.6 | C352S334-4S****+ | 0.22 | 13.0 | 12.0 | 6.0 | 10 | 0.6 | C352T224-4S****+ | 0.15 | 13.0 | 12.0 | 6.0 | 10 | 0.6 | C352J154-4S****+ | |
| 0.39 | 13.0 | 13.0 | 7.0 | 10 | 0.6 | C352S394-4S****+ | 0.27 | 13.0 | 13.0 | 7.0 | 10 | 0.6 | C352T274-4S****+ | 0.18 | 13.0 | 13.0 | 7.0 | 10 | 0.6 | C352J184-4S****+ | |
| 0.47 | 13.0 | 13.0 | 7.0 | 10 | 0.6 | C352S474-4S****+ | 0.33 | 13.0 | 13.0 | 7.0 | 10 | 0.6 | C352T334-4S****+ | 0.22 | 13.0 | 13.0 | 7.0 | 10 | 0.6 | C352J224-4S****+ | |
| 0.56 | 13.0 | 14.0 | 8.0 | 10 | 0.6 | C352S564-4S****+ | 0.39 | 13.0 | 14.0 | 8.0 | 10 | 0.6 | C352T394-4S****+ | 0.27 | 13.0 | 14.0 | 8.0 | 10 | 0.6 | C352J274-4S****+ | |
| 0.68 | 13.0 | 14.0 | 8.0 | 10 | 0.6 | C352S684-4S****+ | 0.47 | 13.0 | 14.0 | 8.0 | 10 | 0.6 | C352T474-4S****+ | 0.33 | 13.0 | 14.0 | 8.0 | 10 | 0.6 | C352J334-4S****+ | |
| 0.22 | 17.5 | 11.0 | 5.0 | 15 | 0.6 | C352S224-6S****+ | 0.27 | 17.5 | 11.0 | 5.0 | 15 | 0.6 | C352T274-6S****+ | 0.18 | 17.5 | 11.0 | 5.0 | 15 | 0.6 | C352J184-6S****+ | |
| 0.33 | 17.5 | 11.0 | 5.0 | 15 | 0.6 | C352S334-6S****+ | 0.33 | 17.5 | 11.0 | 5.0 | 15 | 0.6 | C352T334-6S****+ | 0.22 | 17.5 | 11.0 | 5.0 | 15 | 0.6 | C352J224-6S****+ | |
| 0.39 | 17.5 | 11.0 | 5.0 | 15 | 0.6 | C352S394-6S****+ | 0.39 | 17.5 | 12.0 | 6.0 | 15 | 0.6 | C352T394-6S****+ | 0.27 | 17.5 | 12.0 | 6.0 | 15 | 0.6 | C352J274-6S****+ | |
| 0.47 | 17.5 | 11.0 | 5.0 | 15 | 0.6 | C352S474-6S****+ | 0.47 | 17.5 | 12.0 | 6.0 | 15 | 0.6 | C352T474-6S****+ | 0.33 | 17.5 | 12.0 | 6.0 | 15 | 0.6 | C352J334-6S****+ | |
| 0.56 | 17.5 | 12.0 | 6.0 | 15 | 0.6 | C352S564-6S****+ | 0.56 | 17.5 | 12.0 | 7.0 | 15 | 0.6 | C352T564-6S****+ | 0.39 | 17.5 | 12.0 | 7.0 | 15 | 0.6 | C352J394-6S****+ | |
| 0.68 | 17.5 | 12.0 | 7.0 | 15 | 0.6 | C352S684-6S****+ | 0.68 | 17.5 | 13.5 | 7.5 | 15 | 0.6 | C352T684-6S****+ | 0.47 | 17.5 | 13.5 | 7.5 | 15 | 0.6 | C352J474-6S****+ | |
| 0.82 | 17.5 | 12.0 | 7.0 | 15 | 0.6 | C352S824-6S****+ | 0.82 | 17.5 | 14.0 | 8.0 | 15 | 0.6 | C352T824-6S****+ | 0.56 | 17.5 | 14.0 | 8.0 | 15 | 0.6 | C352J564-6S****+ | |
| 1.0 | 17.5 | 13.5 | 7.5 | 15 | 0.6 | C352S105-6S****+ | 1.0 | 17.5 | 14.5 | 8.5 | 15 | 0.6 | C352T105-6S****+ | 0.68 | 17.5 | 14.5 | 8.5 | 15 | 0.6 | C352J684-6S****+ | |
| 1.2 | 17.5 | 14.0 | 8.0 | 15 | 0.6 | C352S125-6S****+ | 1.2 | 17.5 | 16.0 | 10.0 | 15 | 0.8 | C352T125-6S****+ | 0.82 | 17.5 | 16.0 | 10.0 | 15 | 0.8 | C352J824-6S****+ | |
| 1.5 | 17.5 | 16.0 | 10.0 | 15 | 0.8 | C352S155-6S****+ | 1.5 | 17.5 | 19.0 | 11.0 | 15 | 0.8 | C352T155-6S****+ | 1.0 | 17.5 | 16.0 | 10.0 | 15 | 0.8 | C352J105-6S****+ | |
| 1.8 | 17.5 | 16.0 | 10.0 | 15 | 0.8 | C352S185-6S****+ | 0.68 | 26.5 | 15.0 | 6.0 | 22.5 | 0.8 | C352T684-9S****+ | 1.2 | 17.5 | 19.0 | 11.0 | 15 | 0.8 | C352J125-6S****+ | |
| 2.2 | 17.5 | 19.0 | 11.0 | 15 | 0.8 | C352S225-6S****+ | 0.82 | 26.5 | 15.0 | 6.0 | 22.5 | 0.8 | C352T824-9S****+ | 0.47 | 26.5 | 15.0 | 6.0 | 22.5 | 0.8 | C352J474-9S****+ | |
| 1.0 | 26.5 | 15.0 | 6.0 | 22.5 | 0.8 | C352S105-9S****+ | 1.0 | 26.5 | 16.0 | 7.0 | 22.5 | 0.8 | C352T105-9S****+ | 0.56 | 26.5 | 15.0 | 6.0 | 22.5 | 0.8 | C352J564-9S****+ | |
| 1.2 | 26.5 | 15.0 | 6.0 | 22.5 | 0.8 | C352S125-9S****+ | 1.2 | 26.5 | 16.0 | 7.0 | 22.5 | 0.8 | C352T125-9S****+ | 0.68 | 26.5 | 16.0 | 7.0 | 22.5 | 0.8 | C352J684-9S****+ | |
| 1.5 | 26.5 | 16.0 | 7.0 | 22.5 | 0.8 | C352S155-9S****+ | 1.5 | 26.5 | 17.0 | 8.5 | 22.5 | 0.8 | C352T155-9S****+ | 0.82 | 26.5 | 16.0 | 7.0 | 22.5 | 0.8 | C352J824-9S****+ | |
| 1.8 | 26.5 | 16.0 | 7.0 | 22.5 | 0.8 | C352S185-9S****+ | 1.8 | 26.5 | 17.0 | 8.5 | 22.5 | 0.8 | C352T185-9S****+ | 1.0 | 26.5 | 17.0 | 8.5 | 22.5 | 0.8 | C352J105-9S****+ | |
| 2.2 | 26.5 | 17.0 | 8.5 | 22.5 | 0.8 | C352S225-9S****+ | 2.2 | 26.5 | 18.5 | 10.0 | 22.5 | 0.8 | C352T225-9S****+ | 1.2 | 26.5 | 17.0 | 8.5 | 22.5 | 0.8 | C352J125-9S****+ | |
| 2.7 | 26.5 | 17.0 | 8.5 | 22.5 | 0.8 | C352S275-9S****+ | 2.7 | 26.5 | 18.5 | 10.0 | 22.5 | 0.8 | C352T275-9S****+ | 1.5 | 26.5 | 18.5 | 10.0 | 22.5 | 0.8 | C352J155-9S****+ | |
| 3.3 | 26.5 | 18.5 | 10.0 | 22.5 | 0.8 | C352S335-9S****+ | 3.3 | 26.5 | 20.0 | 11.0 | 22.5 | 0.8 | C352T335-9S****+ | 1.8 | 26.5 | 18.5 | 10.0 | 22.5 | 0.8 | C352J185-9S****+ | |
| 3.9 | 26.5 | 18.5 | 10.0 | 22.5 | 0.8 | C352S395-9S****+ | 3.9 | 26.5 | 22.0 | 12.0 | 22.5 | 0.8 | C352T395-9S****+ | 2.2 | 26.5 | 20.0 | 11.0 | 22.5 | 0.8 | C352J225-9S****+ | |
| 4.7 | 26.5 | 20.0 | 11.0 | 22.5 | 0.8 | C352S475-9S****+ | 4.7 | 26.5 | 24.5 | 15.5 | 22.5 | 0.8 | C352T475-9S****+ | 2.7 | 26.5 | 22.0 | 12.0 | 22.5 | 0.8 | C352J275-9S****+ | |
| 5.6 | 26.5 | 22.0 | 12.0 | 22.5 | 0.8 | C352S565-9S****+ | 5.6 | 26.5 | 24.5 | 15.5 | 22.5 | 0.8 | C352T565-9S****+ | 3.3 | 26.5 | 24.5 | 15.5 | 22.5 | 0.8 | C352J335-9S****+ | |
| 6.8 | 26.5 | 24.5 | 15.5 | 22.5 | 0.8 | C352S685-9S****+ | 2.2 | 32.0 | 18.0 | 9.0 | 27.5 | 0.8 | C352T225-BS****+ | 3.9 | 26.5 | 24.5 | 15.5 | 22.5 | 0.8 | C352J395-9S****+ | |
| 8.2 | 26.5 | 24.5 | 15.5 | 22.5 | 0.8 | C352S825-9S****+ | 2.7 | 32.0 | 18.0 | 9.0 | 27.5 | 0.8 | C352T275-BS****+ | 1.8 | 32.0 | 18.0 | 9.0 | 27.5 | 0.8 | C352J185-BS****+ | |
| 3.3 | 32.0 | 18.0 | 9.0 | 27.5 | 0.8 | C352S335-BS****+ | 3.3 | 32.0 | 20.0 | 11.0 | 27.5 | 0.8 | C352T335-BS****+ | 2.2 | 32.0 | 20.0 | 11.0 | 27.5 | 0.8 | C352J225-BS****+ | |
| 3.9 | 32.0 | 18.0 | 9.0 | 27.5 | 0.8 | C352S395-BS****+ | 3.9 | 32.0 | 20.0 | 11.0 | 27.5 | 0.8 | C352T395-BS****+ | 2.7 | 32.0 | 20.0 | 11.0 | 27.5 | 0.8 | C352J275-BS****+ | |
| 4.7 | 32.0 | 20.0 | 11.0 | 27.5 | 0.8 | C352S475-BS****+ | 4.7 | 32.0 | 22.0 | 13.0 | 27.5 | 0.8 | C352T475-BS****+ | 3.3 | 32.0 | 22.0 | 13.0 | 27.5 | 0.8 | C352J335-BS****+ | |
| 5.6 | 32.0 | 20.0 | 11.0 | 27.5 | 0.8 | C352S565-BS****+ | 5.6 | 32.0 | 22.0 | 13.0 | 27.5 | 0.8 | C352T565-BS****+ | 3.9 | 32.0 | 22.0 | 13.0 | 27.5 | 0.8 | C352J395-BS****+ | |
| 6.8 | 32.0 | 22.0 | 13.0 | 27.5 | 0.8 | C352S685-BS****+ | 6.8 | 32.0 | 24.5 | 15.0 | 27.5 | 0.8 | C352T685-BS****+ | 4.7 | 32.0 | 24.5 | 15.0 | 27.5 | 0.8 | C352J475-BS****+ | |
| 8.2 | 32.0 | 24.5 | 15.0 | 27.5 | 0.8 | C352S825-BS****+ | 8.2 | 32.0 | 24.5 | 15.0 | 27.5 | 0.8 | C352T825-BS****+ | 5.6 | 32.0 | 28.0 | 17.0 | 27.5 | 0.8 | C352J565-BS****+ | |
| 10.0 | 32.0 | 24.5 | 15.0 | 27.5 | 0.8 | C352S106-BS****+ | 10.0 | 32.0 | 28.0 | 17.0 | 27.5 | 0.8 | C352T106-BS****+ | 6.8 | 32.0 | 29.0 | 19.0 | 27.5 | 0.8 | C352J685-BS****+ | |
| 12.0 | 32.0 | 28.0 | 17.0 | 27.5 | 0.8 | C352S126-BS****+ | 12.0 | 32.0 | 33.0 | 18.0 | 27.5 | 0.8 | C352T126-BS****+ | 8.2 | 32.0 | 29.0 | 19.0 | 27.5 | 0.8 | C352J825-BS****+ | |
| 15.0 | 32.0 | 33.0 | 18.0 | 27.5 | 0.8 | C352S156-BS****+ | 15.0 | 32.0 | 37.0 | 22.0 | 27.5 | 0.8 | C352T156-BS****+ | 10.0 | 32.0 | 37.0 | 22.0 | 27.5 | 0.8 | C352J106-BS****+ | |
| 18.0 | 32.0 | 37.0 | 22.0 | 27.5 | 0.8 | C352S186-BS****+ | 18.0 | 32.0 | 37.0 | 22.0 | 27.5 | 0.8 | C352T186-BS****+ | 12.0 | 32.0 | 37.0 | 22.0 | 27.5 | 0.8 | C352J126-BS****+ | |
| 22.0 | 32.0 | 37.0 | 22.0 | 27.5 | 0.8 | C352S226-BS****+ | | | | | | | | | | | | | | | |

Note: 1. “-” 表示容量偏差, M=±20%,K=±10%,J=±5%, “-” =capacitance tolerance code, M=±20%,K=±10%,J=±5%,
2. “****” 表示引线加工和包装代码 (见table 1)。 “****” =lead form and packing code (refer to table 1) .

■ 外形尺寸 Dimensions (mm)

| 450Vdc | | | | | | | 450Vdc | | | | | | | 520Vdc | | | | | | |
|------------------------|------|------|------|------|-----|------------------|------------------------|------|------|------|------|-----|------------------|------------------------|------|------|------|------|-----|------------------|
| C _N (μF) | W | H | T | P | d | Part number | C _N (μF) | W | H | T | P | d | Part number | C _N (μF) | W | H | T | P | d | Part number |
| 0.068 | 13.0 | 9.0 | 4.0 | 10.0 | 0.6 | C352S683-40****+ | 1.2 | 26.5 | 18.5 | 10.0 | 22.5 | 0.8 | C352S125-90****+ | 0.047 | 13.0 | 9.0 | 4.0 | 10.0 | 0.6 | C352T473-40****+ |
| 0.082 | 13.0 | 9.0 | 4.0 | 10.0 | 0.6 | C352S823-40****+ | 1.5 | 26.5 | 18.5 | 10.0 | 22.5 | 0.8 | C352S155-90****+ | 0.056 | 13.0 | 9.0 | 4.0 | 10.0 | 0.6 | C352T563-40****+ |
| 0.10 | 13.0 | 11.0 | 5.0 | 10.0 | 0.6 | C352S104-40****+ | 1.8 | 26.5 | 22.0 | 12.0 | 22.5 | 0.8 | C352S185-90****+ | 0.068 | 13.0 | 9.0 | 4.0 | 10.0 | 0.6 | C352T683-40****+ |
| 0.12 | 13.0 | 11.0 | 5.0 | 10.0 | 0.6 | C352S124-40****+ | 0.68 | 32.0 | 18.0 | 9.0 | 27.5 | 0.8 | C352S684-B0****+ | 0.082 | 13.0 | 11.0 | 5.0 | 10.0 | 0.6 | C352T823-40****+ |
| 0.15 | 13.0 | 12.0 | 6.0 | 10.0 | 0.6 | C352S154-40****+ | 0.82 | 32.0 | 18.0 | 9.0 | 27.5 | 0.8 | C352S824-B0****+ | 0.1 | 13.0 | 11.0 | 5.0 | 10.0 | 0.6 | C352T104-40****+ |
| 0.18 | 13.0 | 12.0 | 6.0 | 10.0 | 0.6 | C352S184-40****+ | 1.0 | 32.0 | 18.0 | 9.0 | 27.5 | 0.8 | C352S105-B0****+ | 0.12 | 13.0 | 12.0 | 6.0 | 10.0 | 0.6 | C352T124-40****+ |
| 0.22 | 13.0 | 13.0 | 7.0 | 10.0 | 0.6 | C352S224-40****+ | 1.2 | 32.0 | 18.0 | 9.0 | 27.5 | 0.8 | C352S125-B0****+ | 0.15 | 13.0 | 12.0 | 6.0 | 10.0 | 0.6 | C352T154-40****+ |
| 0.27 | 13.0 | 13.0 | 7.0 | 10.0 | 0.6 | C352S274-40****+ | 1.5 | 32.0 | 18.0 | 9.0 | 27.5 | 0.8 | C352S155-B0****+ | 0.18 | 13.0 | 13.0 | 7.0 | 10.0 | 0.6 | C352T184-40****+ |
| 0.33 | 13.0 | 14.0 | 8.0 | 10.0 | 0.6 | C352S334-40****+ | 1.8 | 32.0 | 20.0 | 11.0 | 27.5 | 0.8 | C352S185-B0****+ | 0.22 | 13.0 | 13.0 | 7.0 | 10.0 | 0.6 | C352T224-40****+ |
| 0.10 | 17.5 | 9.5 | 5.0 | 15.0 | 0.6 | C352S104-6A****+ | 2.2 | 32.0 | 20.0 | 11.0 | 27.5 | 0.8 | C352S225-B0****+ | 0.27 | 13.0 | 14.0 | 8.0 | 10.0 | 0.6 | C352T274-40****+ |
| 0.12 | 17.5 | 11.0 | 5.0 | 15.0 | 0.6 | C352S124-6A****+ | 2.7 | 32.0 | 22.0 | 13.0 | 27.5 | 0.8 | C352S275-B0****+ | 0.033 | 17.5 | 11.0 | 5.0 | 15.0 | 0.6 | C352T333-6A****+ |
| 0.15 | 17.5 | 11.0 | 5.0 | 15.0 | 0.6 | C352S154-6A****+ | 3.3 | 32.0 | 22.0 | 13.0 | 27.5 | 0.8 | C352S335-B0****+ | 0.039 | 17.5 | 11.0 | 5.0 | 15.0 | 0.6 | C352T393-6A****+ |
| 0.18 | 17.5 | 11.0 | 5.0 | 15.0 | 0.6 | C352S184-6A****+ | 3.9 | 32.0 | 24.5 | 15.0 | 27.5 | 0.8 | C352S395-B0****+ | 0.047 | 17.5 | 11.0 | 5.0 | 15.0 | 0.6 | C352T473-6A****+ |
| 0.22 | 17.5 | 11.0 | 5.0 | 15.0 | 0.6 | C352S224-6A****+ | 4.7 | 32.0 | 33.0 | 18.0 | 27.5 | 0.8 | C352S475-B0****+ | 0.056 | 17.5 | 11.0 | 5.0 | 15.0 | 0.6 | C352T563-6A****+ |
| 0.27 | 17.5 | 12.0 | 6.0 | 15.0 | 0.6 | C352S274-6A****+ | 5.6 | 32.0 | 33.0 | 18.0 | 27.5 | 0.8 | C352S565-B0****+ | 0.068 | 17.5 | 11.0 | 5.0 | 15.0 | 0.6 | C352T683-6A****+ |
| 0.33 | 17.5 | 12.0 | 6.0 | 15.0 | 0.6 | C352S334-6A****+ | 6.8 | 32.0 | 33.0 | 18.0 | 27.5 | 0.8 | C352S685-B0****+ | 0.082 | 17.5 | 11.0 | 5.0 | 15.0 | 0.6 | C352T823-6A****+ |
| 0.39 | 17.5 | 13.5 | 7.5 | 15.0 | 0.6 | C352S394-6A****+ | 8.2 | 32.0 | 33.0 | 18.0 | 27.5 | 0.8 | C352S825-B0****+ | 0.1 | 17.5 | 11.0 | 5.0 | 15.0 | 0.6 | C352T104-6A****+ |
| 0.47 | 17.5 | 13.5 | 7.5 | 15.0 | 0.6 | C352S474-6A****+ | | | | | | | | 0.12 | 17.5 | 11.0 | 5.0 | 15.0 | 0.6 | C352T124-6A****+ |
| 0.56 | 17.5 | 13.5 | 7.5 | 15.0 | 0.6 | C352S564-6A****+ | | | | | | | | 0.15 | 17.5 | 11.0 | 5.0 | 15.0 | 0.6 | C352T154-6A****+ |
| 0.68 | 17.5 | 16.0 | 10.0 | 15.0 | 0.8 | C352S684-60****+ | | | | | | | | 0.18 | 17.5 | 11.0 | 5.0 | 15.0 | 0.6 | C352T184-6A****+ |
| 0.82 | 17.5 | 16.0 | 10.0 | 15.0 | 0.8 | C352S824-60****+ | | | | | | | | 0.22 | 17.5 | 12.0 | 6.0 | 15.0 | 0.6 | C352T224-6A****+ |
| 1.0 | 17.5 | 19.0 | 11.0 | 15.0 | 0.8 | C352S105-60****+ | | | | | | | | 0.27 | 17.5 | 12.0 | 6.0 | 15.0 | 0.6 | C352T274-6A****+ |
| 0.27 | 26.5 | 15.0 | 6.0 | 22.5 | 0.6 | C352S274-9A****+ | | | | | | | | 0.33 | 17.5 | 13.5 | 7.5 | 15.0 | 0.6 | C352T334-6A****+ |
| 0.33 | 26.5 | 15.0 | 6.0 | 22.5 | 0.6 | C352S334-9A****+ | | | | | | | | 0.39 | 17.5 | 13.5 | 7.5 | 15.0 | 0.6 | C352T394-6A****+ |
| 0.39 | 26.5 | 15.0 | 6.0 | 22.5 | 0.6 | C352S394-9A****+ | | | | | | | | 0.47 | 17.5 | 14.5 | 8.5 | 15.0 | 0.8 | C352T474-60****+ |
| 0.47 | 26.5 | 15.0 | 6.0 | 22.5 | 0.6 | C352S474-9A****+ | | | | | | | | 0.56 | 17.5 | 16.0 | 10.0 | 15.0 | 0.8 | C352T564-60****+ |
| 0.56 | 26.5 | 16.0 | 7.0 | 22.5 | 0.6 | C352S564-9A****+ | | | | | | | | 0.68 | 17.5 | 16.0 | 10.0 | 15.0 | 0.8 | C352T684-60****+ |
| 0.68 | 26.5 | 16.0 | 7.0 | 22.5 | 0.6 | C352S684-9A****+ | | | | | | | | 0.82 | 17.5 | 19.0 | 11.0 | 15.0 | 0.8 | C352T824-60****+ |
| 0.82 | 26.5 | 16.0 | 7.0 | 22.5 | 0.6 | C352S824-9A****+ | | | | | | | | 1.0 | 17.5 | 19.0 | 11.0 | 15.0 | 0.8 | C352T105-60****+ |
| 1.0 | 26.5 | 17.0 | 8.5 | 22.5 | 0.8 | C352S105-90****+ | | | | | | | | 0.18 | 26.5 | 15.0 | 6.0 | 22.5 | 0.6 | C352T184-9A****+ |

Note: 1. “-” 表示容量偏差, M=±20%,K=±10%,J=±5%, “-” =capacitance tolerance code, M=±20%,K=±10%,J=±5%,
2. “****” 表示引线加工和包装代码 (见table 1)。 “****” =lead form and packing code (refer to table 1) .



C35
MKP25 series

■ 外形尺寸 Dimensions (mm)

| 520Vdc | | | | | | | 630Vdc | | | | | | | 630Vdc | | | | | | | |
|------------------------|------|------|------|------|-----|------------------|------------------------|------|------|------|------|-----|------------------|------------------------|------|------|------|------|-----|------------------|--|
| C _N (μF) | W | H | T | P | d | Part number | C _N (μF) | W | H | T | P | d | Part number | C _N (μF) | W | H | T | P | d | Part number | |
| 0.22 | 26.5 | 15.0 | 6.0 | 22.5 | 0.6 | C352T224-9A****+ | 0.022 | 13.0 | 9.0 | 4.0 | 10.0 | 0.6 | C352J223-40****+ | 0.39 | 26.5 | 16.0 | 7.0 | 22.5 | 0.6 | C352J394-9A****+ | |
| 0.27 | 26.5 | 15.0 | 6.0 | 22.5 | 0.6 | C352T274-9A****+ | 0.027 | 13.0 | 9.0 | 4.0 | 10.0 | 0.6 | C352J273-40****+ | 0.47 | 26.5 | 16.0 | 7.0 | 22.5 | 0.6 | C352J474-9A****+ | |
| 0.33 | 26.5 | 15.0 | 6.0 | 22.5 | 0.6 | C352T334-9A****+ | 0.033 | 13.0 | 9.0 | 4.0 | 10.0 | 0.6 | C352J333-40****+ | 0.56 | 26.5 | 17.0 | 8.5 | 22.5 | 0.8 | C352J564-90****+ | |
| 0.39 | 26.5 | 15.0 | 6.0 | 22.5 | 0.6 | C352T394-9A****+ | 0.039 | 13.0 | 9.0 | 4.0 | 10.0 | 0.6 | C352J393-40****+ | 0.68 | 26.5 | 17.0 | 8.5 | 22.5 | 0.8 | C352J684-90****+ | |
| 0.47 | 26.5 | 15.0 | 6.0 | 22.5 | 0.6 | C352T474-9A****+ | 0.047 | 13.0 | 11.0 | 5.0 | 10.0 | 0.6 | C352J473-40****+ | 0.82 | 26.5 | 18.5 | 10.0 | 22.5 | 0.8 | C352J824-90****+ | |
| 0.56 | 26.5 | 16.0 | 7.0 | 22.5 | 0.6 | C352T564-9A****+ | 0.056 | 13.0 | 11.0 | 5.0 | 10.0 | 0.6 | C352J563-40****+ | 1.0 | 26.5 | 18.5 | 10.0 | 22.5 | 0.8 | C352J105-90****+ | |
| 0.68 | 26.5 | 16.0 | 7.0 | 22.5 | 0.6 | C352T684-9A****+ | 0.068 | 13.0 | 11.0 | 5.0 | 10.0 | 0.6 | C352J683-40****+ | 1.2 | 26.5 | 22.0 | 12.0 | 22.5 | 0.8 | C352J125-90****+ | |
| 0.82 | 26.5 | 17.0 | 8.5 | 22.5 | 0.8 | C352T824-90****+ | 0.082 | 13.0 | 12.0 | 6.0 | 10.0 | 0.6 | C352J823-40****+ | 0.27 | 32.0 | 18.0 | 9.0 | 27.5 | 0.8 | C352J274-B0****+ | |
| 1.0 | 26.5 | 18.5 | 10.0 | 22.5 | 0.8 | C352T105-90****+ | 0.10 | 13.0 | 12.0 | 6.0 | 10.0 | 0.6 | C352J104-40****+ | 0.33 | 32.0 | 18.0 | 9.0 | 27.5 | 0.8 | C352J334-B0****+ | |
| 1.2 | 26.5 | 18.5 | 10.0 | 22.5 | 0.8 | C352T125-90****+ | 0.12 | 13.0 | 13.0 | 7.0 | 10.0 | 0.6 | C352J124-40****+ | 0.39 | 32.0 | 18.0 | 9.0 | 27.5 | 0.8 | C352J394-B0****+ | |
| 1.5 | 26.5 | 22.0 | 12.0 | 22.5 | 0.8 | C352T155-90****+ | 0.15 | 13.0 | 13.0 | 7.0 | 10.0 | 0.6 | C352J154-40****+ | 0.47 | 32.0 | 18.0 | 9.0 | 27.5 | 0.8 | C352J474-B0****+ | |
| 1.8 | 26.5 | 22.0 | 12.0 | 22.5 | 0.8 | C352T185-90****+ | 0.18 | 13.0 | 14.0 | 8.0 | 10.0 | 0.6 | C352J184-40****+ | 0.56 | 32.0 | 18.0 | 9.0 | 27.5 | 0.8 | C352J564-B0****+ | |
| 0.27 | 32.0 | 18.0 | 9.0 | 27.5 | 0.8 | C352T274-B0****+ | 0.068 | 17.5 | 11.0 | 5.0 | 15.0 | 0.6 | C352J683-6A****+ | 0.68 | 32.0 | 18.0 | 9.0 | 27.5 | 0.8 | C352J684-B0****+ | |
| 0.33 | 32.0 | 18.0 | 9.0 | 27.5 | 0.8 | C352T334-B0****+ | 0.082 | 17.5 | 11.0 | 5.0 | 15.0 | 0.6 | C352J823-6A****+ | 0.82 | 32.0 | 18.0 | 9.0 | 27.5 | 0.8 | C352J824-B0****+ | |
| 0.39 | 32.0 | 18.0 | 9.0 | 27.5 | 0.8 | C352T394-B0****+ | 0.10 | 17.5 | 11.0 | 5.0 | 15.0 | 0.6 | C352J104-6A****+ | 1.0 | 32.0 | 20.0 | 11.0 | 27.5 | 0.8 | C352J105-B0****+ | |
| 0.47 | 32.0 | 18.0 | 9.0 | 27.5 | 0.8 | C352T474-B0****+ | 0.12 | 17.5 | 11.0 | 5.0 | 15.0 | 0.6 | C352J124-6A****+ | 1.2 | 32.0 | 20.0 | 11.0 | 27.5 | 0.8 | C352J125-B0****+ | |
| 0.56 | 32.0 | 18.0 | 9.0 | 27.5 | 0.8 | C352T564-B0****+ | 0.15 | 17.5 | 12.0 | 6.0 | 15.0 | 0.6 | C352J154-6A****+ | 1.5 | 32.0 | 22.0 | 13.0 | 27.5 | 0.8 | C352J155-B0****+ | |
| 0.68 | 32.0 | 18.0 | 9.0 | 27.5 | 0.8 | C352T684-B0****+ | 0.18 | 17.5 | 12.0 | 6.0 | 15.0 | 0.6 | C352J184-6A****+ | 1.8 | 32.0 | 22.0 | 13.0 | 27.5 | 0.8 | C352J185-B0****+ | |
| 0.82 | 32.0 | 18.0 | 9.0 | 27.5 | 0.8 | C352T824-B0****+ | 0.22 | 17.5 | 13.5 | 7.5 | 15.0 | 0.6 | C352J224-6A****+ | 2.2 | 32.0 | 24.5 | 15.0 | 27.5 | 0.8 | C352J225-B0****+ | |
| 1.0 | 32.0 | 18.0 | 9.0 | 27.5 | 0.8 | C352T105-B0****+ | 0.27 | 17.5 | 13.5 | 7.5 | 15.0 | 0.6 | C352J274-6A****+ | 2.7 | 32.0 | 28.0 | 14.0 | 27.5 | 0.8 | C352J275-B0****+ | |
| 1.2 | 32.0 | 18.0 | 9.0 | 27.5 | 0.8 | C352T125-B0****+ | 0.33 | 17.5 | 14.5 | 8.5 | 15.0 | 0.8 | C352J334-60****+ | 3.3 | 32.0 | 33.0 | 18.0 | 27.5 | 0.8 | C352J335-B0****+ | |
| 1.5 | 32.0 | 20.0 | 11.0 | 27.5 | 0.8 | C352T155-B0****+ | 0.39 | 17.5 | 16.0 | 10.0 | 15.0 | 0.8 | C352J394-60****+ | 3.9 | 32.0 | 33.0 | 18.0 | 27.5 | 0.8 | C352J395-B0****+ | |
| 1.8 | 32.0 | 20.0 | 11.0 | 27.5 | 0.8 | C352T185-B0****+ | 0.47 | 17.5 | 16.0 | 10.0 | 15.0 | 0.8 | C352J474-60****+ | | | | | | | | |
| 2.2 | 32.0 | 22.0 | 13.0 | 27.5 | 0.8 | C352T225-B0****+ | 0.56 | 17.5 | 19.0 | 11.0 | 15.0 | 0.8 | C352J564-60****+ | | | | | | | | |
| 2.7 | 32.0 | 24.5 | 15.0 | 27.5 | 0.8 | C352T275-B0****+ | 0.68 | 17.5 | 19.0 | 11.0 | 15.0 | 0.8 | C352J684-60****+ | | | | | | | | |
| 3.3 | 32.0 | 28.0 | 14.0 | 27.5 | 0.8 | C352T335-B0****+ | 0.15 | 26.5 | 15.0 | 6.0 | 22.5 | 0.6 | C352J154-9A****+ | | | | | | | | |
| 3.9 | 32.0 | 28.0 | 14.0 | 27.5 | 0.8 | C352T395-B0****+ | 0.18 | 26.5 | 15.0 | 6.0 | 22.5 | 0.6 | C352J184-9A****+ | | | | | | | | |
| 4.7 | 32.0 | 33.0 | 18.0 | 27.5 | 0.8 | C352T475-B0****+ | 0.22 | 26.5 | 15.0 | 6.0 | 22.5 | 0.6 | C352J224-9A****+ | | | | | | | | |
| 5.6 | 32.0 | 33.0 | 18.0 | 27.5 | 0.8 | C352T565-B0****+ | 0.27 | 26.5 | 15.0 | 6.0 | 22.5 | 0.6 | C352J274-9A****+ | | | | | | | | |
| 6.8 | 32.0 | 33.0 | 18.0 | 27.5 | 0.8 | C352T685-B0****+ | 0.33 | 26.5 | 15.0 | 6.0 | 22.5 | 0.6 | C352J334-9A****+ | | | | | | | | |

Note: 1. “-” 表示容量偏差, M=±20%,K=±10%,J=±5%, “-” =capacitance tolerance code, M=±20%,K=±10%,J=±5%,
2. “****” 表示引线加工和包装代码 (见table 1) 。 “****” =lead form and packing code (refer to table 1) .

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