



## 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)

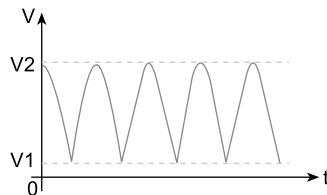
### ■ Features

- 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)

$\alpha$ : 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°C  |   |        |        |        |                       |        |        |        |
| 工作温度范围 Operating Temperature Range   | -40°C ~105°C<br>(+85°C to +105°C: 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  | 0.022 $\mu$ F ~ 22 $\mu$ F  |   |        |        |        |                       |        |        |        |
| 电容量偏差 Capacitance Tolerance  | $\pm 5\%$ (J), $\pm 10\%$ (K), $\pm 20\%$ (M)   |   |        |        |        |                       |        |        |        |
| 耐电压 Voltage Proof  | 1.6 $U_R$ (5s)  |   |        |        |        |                       |        |        |        |
| 损耗角正切 Dissipation Factor   | $\leq 15 \times 10^{-4}$ (1kHz, 20°C)   |   |        |        |        |                       |        |        |        |
| 绝缘电阻 Insulation Resistance   | R $\geq 100\ 000\ M\Omega$ , $C_N \leq 0.33\ \mu F$<br>R $C_N \geq 30\ 000s$ , $C_N > 0.33\ \mu F$ (20°C, 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 $U_R/U$ 。<br>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/ $\mu$ s)<br>—Miniature version |        |        |        | Max dV/dt(V/ $\mu$ s) |        |        |        |
|  |   | 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 <sup>3</sup> pF=0.01μF |                | For example: 103=10 × 10 <sup>3</sup> 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<br>ammo-pack                                 | 4<br>6          | F=10.0mm<br>F=15.0mm                        | 0               | 表示直脚<br>straight | 5               | P3=25.4mm;H=18.5mm (For pitch=10.0/15.0mm)<br>(Detail parameter refer to catalogue pag17) |
| C               | 直脚<br>straight lead<br>“C” in the<br>figure above | 代码 Code         | 说明 explanation                              |                 |                  | 0               | 引线长度偏差 ± 0.5mm 或标准长度<br>Length tolerance ± 0.5mm<br>Or standard length                    |
|                 |   | 00              | 标准的引线长度 (18mm~26mm)<br>standard lead length |                 |                  |                 |   |
|                 |   | 45              | 引线长度 4.5mm<br>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 <sub>N</sub><br>(μF) | W    | H    | T    | P    | d   | Part number      | C <sub>N</sub><br>(μF) | W    | H    | T    | P    | d   | Part number      | C <sub>N</sub><br>(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 <sub>N</sub><br>(μF) | W    | H    | T    | P    | d   | Part number      | C <sub>N</sub><br>(μF) | W    | H    | T    | P    | d   | Part number      | C <sub>N</sub><br>(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 ) .



■ 外形尺寸 Dimensions ( mm )

| 520Vdc                 |      |      |      |      |     |                  | 630Vdc                 |      |      |      |      |     |                  | 630Vdc                 |      |      |      |      |     |                  |  |
|------------------------|------|------|------|------|-----|------------------|------------------------|------|------|------|------|-----|------------------|------------------------|------|------|------|------|-----|------------------|--|
| C <sub>N</sub><br>(μF) | W    | H    | T    | P    | d   | Part number      | C <sub>N</sub><br>(μF) | W    | H    | T    | P    | d   | Part number      | C <sub>N</sub><br>(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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