



C24
CL23B series

塑料外壳金属化聚酯膜叠片式电容器(P=5.0) Box-type metallized polyester film capacitor(Stacked version)

■ 外形图 Outline Drawing



■ 特点

- 金属化聚酯膜，叠片式结构
- 塑料外壳 (UL94 V-0)，环氧填充
- 抗脉冲能力强

■ 主要用途：

- 旁路，隔直，耦合，退耦
- 脉冲，逻辑，定时，紧凑型节能灯
- LCD监视器整流，汽车直流马达抑制干扰

■ Features

- Metallized polyester film, stacked construction
- Plastic case (UL94 V-0), epoxy resin sealing
- High dv/dt ability

■ Typical Applications:

- By-passing, blocking, coupling, decoupling
- Pulse logic, timing, compact fluorescent lamps
- Inverter for LCD monitors, automotive DC motor suppression

■ 技术要求 Specifications

| | | | |
|--|---|--|------------------------|
| 引用标准 Reference Standard | GB/T 7332(IEC 60384-2) | | |
| 气候类别 Climatic Category | 55/125/56 | | |
| 额定温度 Rated Temperature | 85°C | | |
| 工作温度 Operating Temperature Range | -55°C ~ 125°C (+85°C to +125°C: decreasing factor 1.25% per °C for U _R (dc)) | | |
| 额定电压 Rated Voltage | 50/63V, 100V, 250V, 400V, 500V, 630V, 700V | | |
| 电容量范围 Capacitance Range | 0.0010μF ~ 2.2μF | | |
| 电容量偏差 Capacitance Tolerance | ± 5%(J), ± 10%(K), ± 20%(M) | | |
| 耐电压 Voltage Proof | 1.4U _R (5s) | | |
| 损耗角正切 Dissipation Factor | Frequency | C _N ≤ 0.1μF | C _N > 0.1μF |
| | 1kHz | ≤ 1.0% | ≤ 1.0% |
| | 10kHz | ≤ 1.5% | ≤ 1.5% |
| | 100kHz | ≤ 3.0% | - |
| 绝缘电阻 Insulation Resistance | U _R > 100V | R ≥ 30 000MΩ, C _N ≤ 0.33μF RC _N ≥ 10 000s, C _N > 0.33μF | (20°C, 100V, 1min) |
| | U _R ≤ 100V | R ≥ 15 000MΩ, C _N ≤ 0.33μF RC _N ≥ 5 000s, 0.33μF < C _N ≤ 1μF RC _N ≥ 1 000s, C _N > 1μF | (20°C, 10V, 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(UR),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) | dV/dt (V/μs) | |
| | | pattern I | pattern II |
| | 50/63 | 250 | 75 |
| | 100 | 300 | 85 |
| | 250 | 400 | 100 |
| | 400 | 600 | 150 |
| | 500 | 700 | 200 |
| | 630 | 800 | |
| 700 | - | 250 | |

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:

C24 Pattern I (High performance)

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| C | 2 | 4 | | | | | | | 2 | 0 | | | | | | | |

C24 Pattern II (Reduced sizes)

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

| | | | |
|---------|--|----------------|--|
| 第1~3位 | 型号代码 C24= CL23B | Digit 1 to 3 | Series code C24= CL23B |
| 第4~5位 | 直流额定电压 1H=50V 1J=63V 2A=100V 2E=250V 2G=400V 2H=500V 2J=630V 1V=700V | Digit 4 to 5 | DC rated voltage 1H=50V 1J=63V 2A=100V 2E=250V 2G=400V 2H=500V 2J=630V 1V=700V |
| 第6~8位 | 标称容量 举例：103=10 × 10 ³ pF=0.01μF | Digit 6 to 8 | Rated capacitance value For example: 103=10 × 10 ³ pF=0.01μF |
| 第9位 | 容量偏差 J= ± 5%,K= ± 10%,M= ± 20% | Digit 9 | Capacitance tolerance J= ± 5%,K= ± 10%,M= ± 20% |
| 第10位 | 引线脚距P 2=5.0mm | Digit 10 | Pitch 2=5.0mm |
| 第11位 | 内部特征码 S=II型 | Digit 11 | Internal use S=pattern II |
| 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 | 2 | F=5.0mm | 0 | 表示直脚 straight | 1 | 产品在连续的两个载带孔之间 each cap.among two consecutive holes P3=12.7mm, H=18.5mm(For pitch=5.0mm) (Detail parameter refer to pag 17) |
| 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 ~ 22 mm) standard lead length | | | | |
| | | 45 | 引线长度 4.5mm lead length 4.5mm | | | | |



■ 外形尺寸 Dimensions (mm)

| | | |
|--|-------|-------|
| 电容器厚度 (Capacitor Thickness) T | ≤ 3.5 | >3.5 |
| 外形尺寸偏差 Dimension Tolerance (W, H, T) | ± 0.2 | ± 0.4 |

Pattern II (Reduced sizes)

| 50Vdc (30Vac)/63Vdc (40Vac)# | | | | | | | 100Vdc(63Vac) | | | | | | | 250Vdc(140Vac) | | | | | | |
|------------------------------|-----|------|-----|-----|-----|--------------------|---------------------|-----|------|-----|-----|-----|--------------------|---------------------|-----|------|-----|-----|-----|--------------------|
| 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 |
| 0.15 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241J154-2S****+++ | 0.10 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242A104-2S****+++ | 0.022 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242E223-2S****+++ |
| 0.18 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241J184-2S****+++ | 0.12 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242A124-2S****+++ | 0.027 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242E273-2S****+++ |
| 0.22 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241J224-2S****+++ | 0.15 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C242A154-2S****+++ | 0.033 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242E333-2S****+++ |
| 0.27 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241J274-2S****+++ | 0.18 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C242A184-2S****+++ | 0.039 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C242E393-2S****+++ |
| 0.33 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C241J334-2S****+++ | 0.22 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C242A224-2S****+++ | 0.047 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C242E473-2S****+++ |
| 0.39 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C241J394-2S****+++ | 0.27 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C242A274-2S****+++ | 0.056 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C242E563-2S****+++ |
| 0.47 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C241J474-2S****+++ | 0.33 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C242A334-2S****+++ | 0.068 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C242E683-2S****+++ |
| 0.56 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C241J564-2S****+++ | 0.39 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C242A394-2S****+++ | 0.082 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C242E823-2S****+++ |
| 0.68 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C241J684-2S****+++ | 0.47 | 7.2 | 10.0 | 5.0 | 5.0 | 0.6 | C242A474-2S****+++ | 0.10 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C242E104-2S****+++ |
| 0.82 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C241J824-2S****+++ | 0.56 | 7.2 | 10.0 | 5.0 | 5.0 | 0.6 | C242A564-2S****+++ | 0.12 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C242E124-2S****+++ |
| 1.0 | 7.2 | 10.0 | 5.0 | 5.0 | 0.6 | C241J105-2S****+++ | 0.68 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | C242A684-2S****+++ | 0.15 | 7.2 | 10.0 | 5.0 | 5.0 | 0.6 | C242E154-2S****+++ |
| 1.5 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | C241J155-2S****+++ | 0.82 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | C242A824-2S****+++ | 0.18 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | C242E184-2S****+++ |
| 2.2 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | C241J225-2S****+++ | 1.0 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | C242A105-2S****+++ | 0.22 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | C242E224-2S****+++ |

| 400Vdc (160Vac) | | | | | | | 500/630Vdc (220Vac)# | | | | | | | 700Vdc (250Vac) | | | | | | |
|---------------------|-----|------|-----|-----|-----|--------------------|----------------------|-----|------|-----|-----|-----|--------------------|---------------------|-----|------|-----|-----|-----|--------------------|
| 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 |
| 0.0056 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242G562-2S****+++ | 0.0018 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242J182-2S****+++ | 0.0010 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241V102-2S****+++ |
| 0.0068 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242G682-2S****+++ | 0.0022 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242J222-2S****+++ | 0.0012 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241V122-2S****+++ |
| 0.0082 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242G822-2S****+++ | 0.0027 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242J272-2S****+++ | 0.0015 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241V152-2S****+++ |
| 0.010 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242G103-2S****+++ | 0.0033 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242J332-2S****+++ | 0.0018 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241V182-2S****+++ |
| 0.012 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242G123-2S****+++ | 0.0039 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242J392-2S****+++ | 0.0022 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241V222-2S****+++ |
| 0.015 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C242G153-2S****+++ | 0.0047 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242J472-2S****+++ | 0.0027 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241V272-2S****+++ |
| 0.018 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C242G183-2S****+++ | 0.0056 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C242J562-2S****+++ | 0.0033 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C241V332-2S****+++ |
| 0.022 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C242G223-2S****+++ | 0.0068 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C242J682-2S****+++ | 0.0039 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C241V392-2S****+++ |
| 0.027 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C242G273-2S****+++ | 0.0082 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C242J822-2S****+++ | 0.0047 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C241V472-2S****+++ |
| 0.033 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C242G333-2S****+++ | 0.010 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C242J103-2S****+++ | 0.0056 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C241V562-2S****+++ |
| 0.039 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C242G393-2S****+++ | 0.012 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C242J123-2S****+++ | 0.0068 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C241V682-2S****+++ |
| 0.047 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C242G473-2S****+++ | 0.015 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C242J153-2S****+++ | 0.0082 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C241V822-2S****+++ |
| 0.051 | 7.2 | 10.0 | 5.0 | 5.0 | 0.6 | C242G513-2S****+++ | 0.018 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C242J183-2S****+++ | 0.010 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C241V103-2S****+++ |
| 0.056 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | C242G563-2S****+++ | 0.022 | 7.2 | 10.0 | 5.0 | 5.0 | 0.6 | C242J223-2S****+++ | 0.012 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C241V123-2S****+++ |
| 0.068 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | C242G683-2S****+++ | 0.027 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | C242J273-2S****+++ | 0.015 | 7.2 | 10.0 | 5.0 | 5.0 | 0.6 | C241V153-2S****+++ |
| 0.082 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | C242G823-2S****+++ | 0.033 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | C242J333-2S****+++ | 0.018 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | C241V183-2S****+++ |
| 0.10 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | C242G104-2S****+++ | | | | | | | | 0.022 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | C241V223-2S****+++ |

- 备注: 1. “-”表示容量偏差。 “-”=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)
 3. “#”当额定电压为50Vdc,500Vdc时,第4~5位是1H和2H。
 “#” when the rated voltage is 50Vdc,500Vdc, the digit 4~5 respectively is 1H,2H.

Pattern I (High performance)

| 50Vdc (30Vac)/63Vdc (40Vac) [#] | | | | | | | 100Vdc (63Vac) | | | | | | | 250Vdc (160Vac) | | | | | | |
|--|-----|------|-----|-----|-----|--------------------|------------------------|-----|------|-----|-----|-----|--------------------|------------------------|-----|------|-----|-----|-----|--------------------|
| 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 |
| 0.0010 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241J102-20****+++ | 0.0010 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242A102-20****+++ | 0.0010 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242E102-20****+++ |
| 0.0012 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241J122-20****+++ | 0.0012 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242A122-20****+++ | 0.0012 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242E122-20****+++ |
| 0.0015 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241J152-20****+++ | 0.0015 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242A152-20****+++ | 0.0015 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242E152-20****+++ |
| 0.0018 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241J182-20****+++ | 0.0018 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242A182-20****+++ | 0.0018 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242E182-20****+++ |
| 0.0022 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241J222-20****+++ | 0.0022 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242A222-20****+++ | 0.0022 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242E222-20****+++ |
| 0.0027 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241J272-20****+++ | 0.0027 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242A272-20****+++ | 0.0027 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242E272-20****+++ |
| 0.0033 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241J332-20****+++ | 0.0033 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242A332-20****+++ | 0.0033 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242E332-20****+++ |
| 0.0039 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241J392-20****+++ | 0.0039 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242A392-20****+++ | 0.0039 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242E392-20****+++ |
| 0.0047 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241J472-20****+++ | 0.0047 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242A472-20****+++ | 0.0047 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242E472-20****+++ |
| 0.0056 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241J562-20****+++ | 0.0056 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242A562-20****+++ | 0.0056 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242E562-20****+++ |
| 0.0068 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241J682-20****+++ | 0.0068 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242A682-20****+++ | 0.0068 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242E682-20****+++ |
| 0.0082 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241J822-20****+++ | 0.0082 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242A822-20****+++ | 0.0082 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242E822-20****+++ |
| 0.010 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241J103-20****+++ | 0.010 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242A103-20****+++ | 0.010 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242E103-20****+++ |
| 0.012 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241J123-20****+++ | 0.012 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242A123-20****+++ | 0.012 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242E123-20****+++ |
| 0.015 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241J153-20****+++ | 0.015 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242A153-20****+++ | 0.015 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242E153-20****+++ |
| 0.018 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241J183-20****+++ | 0.018 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242A183-20****+++ | 0.018 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242E183-20****+++ |
| 0.022 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241J223-20****+++ | 0.022 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242A223-20****+++ | 0.022 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C242E223-20****+++ |
| 0.027 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241J273-20****+++ | 0.027 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242A273-20****+++ | 0.027 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C242E273-20****+++ |
| 0.033 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241J333-20****+++ | 0.033 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242A333-20****+++ | 0.033 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C242E333-20****+++ |
| 0.039 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241J393-20****+++ | 0.039 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242A393-20****+++ | 0.039 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C242E393-20****+++ |
| 0.047 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241J473-20****+++ | 0.047 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242A473-20****+++ | 0.047 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C242E473-20****+++ |
| 0.056 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241J563-20****+++ | 0.056 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242A563-20****+++ | 0.056 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C242E563-20****+++ |
| 0.068 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241J683-20****+++ | 0.068 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242A683-20****+++ | 0.068 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C242E683-20****+++ |
| 0.082 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241J823-20****+++ | 0.082 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242A823-20****+++ | 0.082 | 7.2 | 10.0 | 5.0 | 5.0 | 0.6 | C242E823-20****+++ |
| 0.10 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241J104-20****+++ | 0.10 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C242A104-20****+++ | 0.10 | 7.2 | 10.0 | 5.0 | 5.0 | 0.6 | C242E104-20****+++ |
| 0.12 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241J124-20****+++ | 0.12 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C242A124-20****+++ | 0.12 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | C242E124-20****+++ |
| 0.15 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C241J154-20****+++ | 0.15 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C242A154-20****+++ | 0.15 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | C242E154-20****+++ |
| 0.18 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C241J184-20****+++ | 0.18 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C242A184-20****+++ | | | | | | | |
| 0.22 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C241J224-20****+++ | 0.22 | 7.2 | 10.0 | 5.0 | 5.0 | 0.6 | C242A224-20****+++ | | | | | | | |
| 0.27 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C241J274-20****+++ | 0.27 | 7.2 | 10.0 | 5.0 | 5.0 | 0.6 | C242A274-20****+++ | | | | | | | |
| 0.33 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C241J334-20****+++ | 0.33 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | C242A334-20****+++ | | | | | | | |
| 0.39 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C241J394-20****+++ | 0.39 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | C242A394-20****+++ | | | | | | | |
| 0.47 | 7.2 | 10.0 | 5.0 | 5.0 | 0.6 | C241J474-20****+++ | 0.47 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | C242A474-20****+++ | | | | | | | |
| 0.56 | 7.2 | 10.0 | 5.0 | 5.0 | 0.6 | C241J564-20****+++ | 0.56 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | C242A564-20****+++ | | | | | | | |
| 0.68 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | C241J684-20****+++ | | | | | | | | | | | | | | |
| 0.82 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | C241J824-20****+++ | | | | | | | | | | | | | | |
| 1.0 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | C241J105-20****+++ | | | | | | | | | | | | | | |

备注: 1. “-”表示容量偏差。 “-”=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)
 3. “#”当额定电压为50Vdc时,第4~5位是1H。“#”when the rated voltage is 50Vdc,the digit 4~5 is 1H.



Pattern I (High performance)

| 400Vdc (200Vac) | | | | | | | 500Vdc (220Vac) | | | | | | | 630Vdc (220Vac) | | | | | | |
|------------------------|-----|------|-----|-----|-----|--------------------|------------------------|-----|------|-----|-----|-----|--------------------|------------------------|-----|------|-----|-----|-----|--------------------|
| 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 |
| 0.0010 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242G102-20****+++ | 0.0010 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242H102-20****+++ | 0.0010 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242J102-20****+++ |
| 0.0012 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242G122-20****+++ | 0.0012 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242H122-20****+++ | 0.0012 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242J122-20****+++ |
| 0.0015 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242G152-20****+++ | 0.0015 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242H152-20****+++ | 0.0015 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242J152-20****+++ |
| 0.0018 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242G182-20****+++ | 0.0018 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242H182-20****+++ | 0.0018 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C242J182-20****+++ |
| 0.0022 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242G222-20****+++ | 0.0022 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242H222-20****+++ | 0.0022 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C242J222-20****+++ |
| 0.0027 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242G272-20****+++ | 0.0027 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242H272-20****+++ | 0.0027 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C242J272-20****+++ |
| 0.0033 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242G332-20****+++ | 0.0033 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C242H332-20****+++ | 0.0033 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C242J332-20****+++ |
| 0.0039 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242G392-20****+++ | 0.0039 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C242H392-20****+++ | 0.0039 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C242J392-20****+++ |
| 0.0047 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242G472-20****+++ | 0.0047 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C242H472-20****+++ | 0.0047 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C242J472-20****+++ |
| 0.0056 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C242G562-20****+++ | 0.0056 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C242H562-20****+++ | 0.0056 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C242J562-20****+++ |
| 0.0068 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C242G682-20****+++ | 0.0068 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C242H682-20****+++ | 0.0068 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C242J682-20****+++ |
| 0.0082 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C242G822-20****+++ | 0.0082 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C242H822-20****+++ | 0.0082 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C242J822-20****+++ |
| 0.010 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C242G103-20****+++ | 0.010 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C242H103-20****+++ | 0.010 | 7.2 | 10.0 | 5.0 | 5.0 | 0.6 | C242J103-20****+++ |
| 0.012 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C242G123-20****+++ | 0.012 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C242H123-20****+++ | 0.012 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | C242J123-20****+++ |
| 0.015 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C242G153-20****+++ | 0.015 | 7.2 | 10.0 | 5.0 | 5.0 | 0.6 | C242H153-20****+++ | 0.015 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | C242J153-20****+++ |
| 0.018 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C242G183-20****+++ | 0.018 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | C242H183-20****+++ | 0.018 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | C242J183-20****+++ |
| 0.022 | 7.2 | 10.0 | 5.0 | 5.0 | 0.6 | C242G223-20****+++ | 0.022 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | C242H223-20****+++ | | | | | | | |
| 0.027 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | C242G273-20****+++ | 0.027 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | C242H273-20****+++ | | | | | | | |
| 0.033 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | C242G333-20****+++ | | | | | | | | | | | | | | |
| 0.039 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | C242G393-20****+++ | | | | | | | | | | | | | | |
| 0.047 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | C242G473-20****+++ | | | | | | | | | | | | | | |

备注: 1. “-”表示容量偏差。 “-”=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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