



东莞市威庆电子有限公司，成立于2007年，并于2008年正式于广东成立东莞工厂始终坚持“薄膜电容选型及应用，找WQC”这一服务理念。威庆专业从事各类金属薄膜电容器（包括安规X2电容、安规Y1电容、安规Y2电容、盒装低噪音CBB21电容、MMKP82电容、CBB61启动电容、CBB65启动电容、）产品主要使用领域有新能源，储能，PC/PD电源，家电控制板PCBA，工业电源等等。东莞生产基地+贵州生产基地，占地面积45000平方米，企业已经荣获**ISO9001、ISO14001、IATF16949**（汽车行业的国际标准）质量管理体系认证等证书，制程条件全部符合欧盟**RoHS、REACH**标准要求。威庆坚持围绕客户需求开发创新产品，加大研究投入，助力行业进步。威庆WQC品牌安规X2电容、安规Y1电容、安规Y2电容、均已取得**UL VDE CQC KC**等国际认证，CBB65启动电容，CBB61启动电容已取得S3的防爆等级证书,且全部产品符合国际标准要求，产品可以销往全世界。





中国.贵州

🚩 成立于 2023年

👤 职员工约 210人

🏠 厂房面积 3.5万m²

中国.东莞

🚩 成立于 2010年

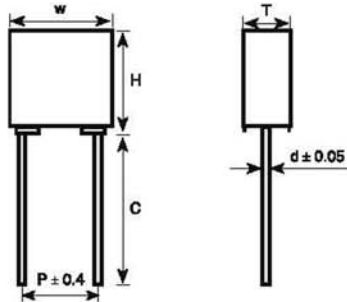
👤 职员工约 110人

🏠 厂房面积 1万m²



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

■ 技术要求 Specifications

■ 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.
- Invert for LCD monitors, automotive DC motor suppression

| | | | |
|--|---|-----------------------------|--|
| 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℃ | | |
| 工作温度 Operating Temperature Range | -55℃~125℃ (+85℃ to +125℃: decreasing factor 1.25% per ℃ for U _R) | | |
| 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 | Pattern I 型: 1.6U _R (5s)、Pattern II 型: 1.4U _R (5s) | | |
| 损耗角正切 Dissipation Factor | Frequency | C _R < 0.1μF | C _R > 0.1μF |
| | 1kHz | < 1.0% | < 1.0% |
| | 10kHz | < 1.5% | < 1.5% |
| | 100kHz | < 3.0% | |
| 绝缘电阻 Insulation Resistance | U _R > 100V | > 30 000MΩ, > 10 000s, □ | C _R < 0.33μF C _R > 0.33μF (20℃, 100V, 1min) |
| | U _R < 100V | > 15 000MΩ, > 5 000s, | C _R < 0.33μF C _R > 0.33μF (20℃, 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 (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) | 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):

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

| | | | | | | | | | | | | | | | | | |
|---|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| C | 2 | 4 | | | | | | | | | | | | | | | |
|---|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

第 1~3 位 型号代码(Digit 1~3 Type Code):

型号代码:C24

第 4~5 额定电压代码(Digit 4~5 Rated Voltage Code):

| | A | B | C | D | E | F | G | H | J | K | L | M | N |
|---|------|------|------|------|------|------|------|------|------|------|------|------|---|
| 1 | | | 16 | 20 | | | | 50 | 63 | | | 1100 | |
| 2 | 100 | 125 | 160 | 200 | 250 | 315 | 400 | 500 | 630 | 800 | 120 | | |
| 3 | 1000 | 1250 | 1600 | 2000 | 2500 | 3150 | 4000 | 5000 | 6300 | 8000 | 1200 | 1400 | |
| | P | Q | R | S | T | U | V | W | X | Y | | | |
| 1 | 240 | 300 | 330 | 440 | 540 | 600 | 700 | 850 | 900 | | | | |
| 2 | 275 | 305 | 350 | 450 | 520 | | 760 | | | | | | |
| 3 | 280 | 310 | | 480 | | | | | | | | | |

说明: 参考日本 JIS 标准, 字母加数位表示交流, 数字加字母表示直流, 例如 A2 表示 100VAC, 2A 表示 100VDC

Explanation: Refer to JIS standard, Letter and then number indicate AC, but number and then Letter indicate DC, for example, 2A indicate 100VDC, A2 indicate 100VAC.

第 6~8 容值代码(Digit 6~8 Capacitance Expressed in 3-digit code 3 Code):

The first 2 digits indicate significant figures, and the third digit specifies the number of zero to follow.

前两位表示基数, 第三个数字表示其后零的个数

This gives the capacitance in picofarads. 容量值单位为皮法

For examples 举例: $102=10 \times 10^2 \text{PF}=1,000 \text{PF}=1.0 \text{nF}=0.001 \mu\text{F}$ $105=10 \times 10^5 \text{PF}=1,000,000 \text{PF}=1000 \text{nF}=1 \mu\text{F}$

第 9 容量偏差代码(Digit 9 Capacitance Tolerance Code):

| | | |
|--------------|-----|------|
| 公差 Tolerance | ±5% | ±10% |
| 代码 Code | J | K |

第 10~11 两个数位的脚距代码(Digit 10~11 Pitch expressed by Case two digits Code):

Mini Box Type 迷你盒装型

| | | | |
|------------------|-----|-----|-----|
| Pitch 脚距 | 2.5 | 5.0 | 7.5 |
| Case No. 脚距代码 | 02 | 05 | 07 |

第 12 引线加工型代码(Digit 12 Lead Form Code):

Lead Type

| | | | | | | | |
|----------------|----|----|-------|------|------|--------|--------------------------|
| Code 代码 | L | H | K | N | M | T | S |
| Lead Type 引线型式 | 长脚 | 短脚 | 内弯青蛙脚 | 内弯直脚 | 外弯直脚 | Taping | Customer Special Require |

第 13~15 引线长度和偏差以 3 个数字代码表示

Digit 13~15 Lead Length(Straight) and Tolerance of Lead Length(straight): Expressed in 3-Letter Code

Example 举例: Code 代码 035:35/10=3.5mm 230:230/10=23mm

第 16~18 内部特征码

Digit 16~18 Internal use Code

■外形尺寸 Dimensioms(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 I (High performance)

| 50Vdc (30Vac)/63Vdc(40Vac)# | | | | | | |
|-----------------------------|-----|------|-----|-----|-----|------------------|
| CN (μF) | w | H | T | P | d | Part number |
| 0.0010 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241J102J05***** |
| 0.0012 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241J122J05***** |
| 0.0015 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241J152J05***** |
| 0.0018 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241J182J05***** |
| 0.0022 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241J222J05***** |
| 0.0027 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241J272J05***** |
| 0.0033 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241J332J05***** |
| 0.0039 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241J392J05***** |
| 0.0047 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241J472J05***** |
| 0.0056 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241J562J05***** |
| 0.0068 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241J682J05***** |
| 0.0082 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241J822J05***** |
| 0.010 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241J103J05***** |
| 0.012 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241J123J05***** |
| 0.015 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241J153J05***** |
| 0.018 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241J183J05***** |
| 0.022 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241J223J05***** |
| 0.027 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241J273J05***** |
| 0.033 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241J333J05***** |
| 0.039 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241J393J05***** |
| 0.047 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241J473J05***** |
| 0.056 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241J563J05***** |
| 0.068 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241J683J05***** |
| 0.082 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241J823J05***** |
| 0.10 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241J104J05***** |
| 0.12 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241J124J05***** |
| 0.15 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C241J154J05***** |
| 0.18 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C241J184J05***** |
| 0.22 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C241J224J05***** |
| 0.27 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C241J274J05***** |
| 0.33 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C241J334J05***** |
| 0.39 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C241J394J05***** |
| 0.47 | 7.2 | 10.0 | 5.0 | 5.0 | 0.6 | C241J474J05***** |
| 0.56 | 7.2 | 10.0 | 5.0 | 5.0 | 0.6 | C241J564J05***** |
| 0.68 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | C241J684J05***** |
| 0.82 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | C241J824J05***** |
| 1.00 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | C241J105J05***** |

| 100Vdc(63Vac) | | | | | | |
|---------------|-----|------|-----|-----|-----|------------------|
| CN (μF) | W | H | T | P | d | Part number |
| 0.0010 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242A102J05***** |
| 0.0012 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242A122J05***** |
| 0.0015 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242A152J05***** |
| 0.0018 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242A182J05***** |
| 0.0022 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242A222J05***** |
| 0.0027 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242A272J05***** |
| 0.0033 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242A332J05***** |
| 0.0039 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242A392J05***** |
| 0.0047 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242A472J05***** |
| 0.0056 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242A562J05***** |
| 0.0068 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242A682J05***** |
| 0.0082 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242A822J05***** |
| 0.010 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242A103J05***** |
| 0.012 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242A123J05***** |
| 0.015 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242A153J05***** |
| 0.018 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242A183J05***** |
| 0.022 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242A223J05***** |
| 0.027 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242A273J05***** |
| 0.033 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242A333J05***** |
| 0.039 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242A393J05***** |
| 0.047 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242A473J05***** |
| 0.056 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242A563J05***** |
| 0.068 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242A683J05***** |
| 0.082 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242A823J05***** |
| 0.10 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C242A104J05***** |
| 0.12 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C242A124J05***** |
| 0.15 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C242A154J05***** |
| 0.18 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C242A184J05***** |
| 0.22 | 7.2 | 10.0 | 5.0 | 5.0 | 0.6 | C242A224J05***** |
| 0.27 | 7.2 | 10.0 | 5.0 | 5.0 | 0.6 | C242A274J05***** |
| 0.33 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | C242A334J05***** |
| 0.39 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | C242A394J05***** |
| 0.47 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | C242A474J05***** |
| 0.56 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | C242A564J05***** |

| 250Vdc(160Vac) | | | | | | |
|----------------|-----|------|-----|-----|-----|------------------|
| CN (μF) | W | H | T | P | d | Part number |
| 0.0010 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242E102J05***** |
| 0.0012 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242E122J05***** |
| 0.0015 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242E152J05***** |
| 0.0018 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242E182J05***** |
| 0.0022 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242E222J05***** |
| 0.0027 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242E272J05***** |
| 0.0033 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242E332J05***** |
| 0.0039 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242E392J05***** |
| 0.0047 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242E472J05***** |
| 0.0056 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242E562J05***** |
| 0.0068 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242E682J05***** |
| 0.0082 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242E822J05***** |
| 0.010 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242E103J05***** |
| 0.012 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242E123J05***** |
| 0.015 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242E153J05***** |
| 0.018 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242E183J05***** |
| 0.022 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C242E223J05***** |
| 0.027 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C242E273J05***** |
| 0.033 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C242E333J05***** |
| 0.039 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C242E393J05***** |
| 0.047 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C242E473J05***** |
| 0.056 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C242E563J05***** |
| 0.068 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C242E683J05***** |
| 0.082 | 7.2 | 10.0 | 5.0 | 5.0 | 0.6 | C242E823J05***** |
| 0.10 | 7.2 | 10.0 | 5.0 | 5.0 | 0.6 | C242E104J05***** |
| 0.12 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | C242E124J05***** |
| 0.15 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | C242E154J05***** |

备注:

1. "*****"表示内部特征代码.Internal use.
2. "#当额定电压为50Vdc,63Vdc时,第4-5位分别是1H,1J."#"when the rated voltage is 50Vdc,63Vdc,the ding4-5 is 1H,1J.

■外形尺寸 Dimensioms(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 I (High performance)

| 400Vdc(200Vac) | | | | | | |
|----------------|-----|------|-----|-----|-----|------------------|
| CN (μF) | w | H | T | P | d | Part number |
| 0.0010 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242G102J05***** |
| 0.0012 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242G122J05***** |
| 0.0015 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242G152J05***** |
| 0.0018 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242G182J05***** |
| 0.0022 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242G222J05***** |
| 0.0027 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242G272J05***** |
| 0.0033 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242G332J05***** |
| 0.0039 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242G392J05***** |
| 0.0047 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242G472J05***** |
| 0.0056 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C242G562J05***** |
| 0.0068 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C242G682J05***** |
| 0.0082 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C242G822J05***** |
| 0.010 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C242G103J05***** |
| 0.012 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C242G123J05***** |
| 0.015 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C242G153J05***** |
| 0.018 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C242G183J05***** |
| 0.022 | 7.2 | 10.0 | 5.0 | 5.0 | 0.6 | C242G223J05***** |
| 0.027 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | C242G273J05***** |
| 0.033 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | C242G333J05***** |
| 0.039 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | C242G393J05***** |
| 0.047 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | C242G473J05***** |

| 500Vdc(220Vac) | | | | | | |
|----------------|-----|------|-----|-----|-----|------------------|
| CN (μF) | W | H | T | P | d | Part number |
| 0.0010 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242H102J05***** |
| 0.0012 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242H122J05***** |
| 0.0015 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242H152J05***** |
| 0.0018 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242H182J05***** |
| 0.0022 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242H222J05***** |
| 0.0027 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242H272J05***** |
| 0.0033 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C242H332J05***** |
| 0.0039 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C242H392J05***** |
| 0.0047 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C242H472J05***** |
| 0.0056 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C242H562J05***** |
| 0.0068 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C242H682J05***** |
| 0.0082 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C242H822J05***** |
| 0.010 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C242H103J05***** |
| 0.012 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C242H123J05***** |
| 0.015 | 7.2 | 10.0 | 5.0 | 5.0 | 0.6 | C242H153J05***** |
| 0.018 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | C242H183J05***** |
| 0.022 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | C242H223J05***** |
| 0.027 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | C242H273J05***** |

| 630Vdc(220Vac) | | | | | | |
|----------------|-----|------|-----|-----|-----|------------------|
| CN (μF) | W | H | T | P | d | Part number |
| 0.0010 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242J102J05***** |
| 0.0012 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242J122J05***** |
| 0.0015 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242J152J05***** |
| 0.0018 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C242J182J05***** |
| 0.0022 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C242J222J05***** |
| 0.0027 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C242J272J05***** |
| 0.0033 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C242J332J05***** |
| 0.0039 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C242J392J05***** |
| 0.0047 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C242J472J05***** |
| 0.0056 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C242J562J05***** |
| 0.0068 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C242J682J05***** |
| 0.0082 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C242J822J05***** |
| 0.010 | 7.2 | 10.0 | 5.0 | 5.0 | 0.6 | C242J103J05***** |
| 0.012 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | C242J123J05***** |
| 0.015 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | C242J153J05***** |
| 0.018 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | C242J183J05***** |

备注:

1."*****"表示内部特征代码.Internal use.

■外形尺寸 Dimensioms(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)# | | | | | | |
|-----------------------------|-----|------|-----|-----|-----|------------------|
| CN (μF) | w | H | T | P | d | Part number |
| 0.15 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241J154J05***** |
| 0.18 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241J184J05***** |
| 0.22 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241J224J05***** |
| 0.27 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241J274J05***** |
| 0.33 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C241J334J05***** |
| 0.39 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C241J394J05***** |
| 0.47 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C241J474J05***** |
| 0.56 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C241J564J05***** |
| 0.68 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C241J684J05***** |
| 0.82 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C241J824J05***** |
| 1.0 | 7.2 | 10.0 | 5.0 | 5.0 | 0.6 | C241J105J05***** |
| 1.5 | 7.2 | 5.0 | 6.0 | 5.0 | 0.6 | C241J155J05***** |
| 2.2 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | C241J225J05***** |

| 100Vdc(63Vac) | | | | | | |
|---------------|-----|------|-----|-----|-----|------------------|
| CN (μF) | W | H | T | P | d | Part number |
| 0.10 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242A104J05***** |
| 0.12 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242A124J05***** |
| 0.15 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C242A154J05***** |
| 0.18 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C242A184J05***** |
| 0.22 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C242A224J05***** |
| 0.27 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C242A274J05***** |
| 0.33 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C242A334J05***** |
| 0.39 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C242A394J05***** |
| 0.47 | 7.2 | 10.0 | 5.0 | 5.0 | 0.6 | C242A474J05***** |
| 0.56 | 7.2 | 10.0 | 5.0 | 5.0 | 0.6 | C242A564J05***** |
| 0.68 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | C242A684J05***** |
| 0.82 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | C242A824J05***** |
| 1.0 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | C242A105J05***** |

| 250Vdc(140Vac) | | | | | | |
|----------------|-----|------|-----|-----|-----|------------------|
| CN (μF) | W | H | T | P | d | Part number |
| 0.022 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242E223J05***** |
| 0.027 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242E273J05***** |
| 0.033 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242E333J05***** |
| 0.039 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C242E393J05***** |
| 0.047 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C242E473J05***** |
| 0.056 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C242E563J05***** |
| 0.068 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C242E683J05***** |
| 0.082 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C242E823J05***** |
| 0.10 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C242E104J05***** |
| 0.12 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C242E124J05***** |
| 0.15 | 7.2 | 10.0 | 5.0 | 5.0 | 0.6 | C242E154J05***** |
| 0.18 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | C242E184J05***** |
| 0.2 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | C242E204J05***** |

| 400Vdc(160Vac) | | | | | | |
|----------------|-----|------|-----|-----|-----|------------------|
| CN (μF) | w | H | T | P | d | Part number |
| 0.0056 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242G562J05***** |
| 0.0068 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242G682J05***** |
| 0.0082 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242G822J05***** |
| 0.010 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242G103J05***** |
| 0.012 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242G123J05***** |
| 0.015 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C242G153J05***** |
| 0.018 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C242G183J05***** |
| 0.022 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C242G223J05***** |
| 0.027 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C242G273J05***** |
| 0.033 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C242G333J05***** |
| 0.039 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C242G393J05***** |
| 0.047 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C242G473J05***** |
| 0.051 | 7.2 | 10.0 | 5.0 | 5.0 | 0.6 | C242G513J05***** |
| 0.056 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | C242G563J05***** |
| 0.068 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | C242G683J05***** |
| 0.082 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | C242G823J05***** |
| 0.10 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | C242G104J05***** |

| 500/630Vdc(220Vac)# | | | | | | |
|---------------------|-----|------|-----|-----|-----|------------------|
| CN (μF) | W | H | T | P | d | Part number |
| 0.0018 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242J182J05***** |
| 0.0022 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242J222J05***** |
| 0.0027 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242J272J05***** |
| 0.0033 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242J332J05***** |
| 0.0039 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242J392J05***** |
| 0.0047 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C242J472J05***** |
| 0.0056 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C242J562J05***** |
| 0.0068 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C242J682J05***** |
| 0.0082 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C242J822J05***** |
| 0.010 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C242J103J05***** |
| 0.012 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C242J123J05***** |
| 0.015 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C242J153J05***** |
| 0.018 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C242J183J05***** |
| 0.022 | 7.2 | 10.0 | 5.0 | 5.0 | 0.6 | C242J223J05***** |
| 0.027 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | C242J273J05***** |
| 0.033 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | C242J333J05***** |

| 700Vdc(250Vac) | | | | | | |
|----------------|-----|------|-----|-----|-----|------------------|
| CN (μF) | W | H | T | P | d | Part number |
| 0.0010 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241V102J05***** |
| 0.0012 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241V122J05***** |
| 0.0015 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241V152J05***** |
| 0.0018 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241V182J05***** |
| 0.0022 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241V222J05***** |
| 0.0027 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | C241V272J05***** |
| 0.0033 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C241V332J05***** |
| 0.0039 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C241V392J05***** |
| 0.0047 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C241V472J05***** |
| 0.0056 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C241V562J05***** |
| 0.0068 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | C241V682J05***** |
| 0.0082 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C241V822J05***** |
| 0.010 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C241V103J05***** |
| 0.012 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | C241V123J05***** |
| 0.015 | 7.2 | 10.0 | 5.0 | 5.0 | 0.6 | C241V153J05***** |
| 0.018 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | C241V183J05***** |
| 0.022 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | C241V223J05***** |

备注:

- 1."*****"表示内部特征代码.Internal use.
- 2."#"当额定电压为50Vdc,500Vdc时,第4-5位分别是1H,2H."#"when the rated voltage is 50Vdc,500Vdc,the ding4-5 is 1H,2H.