

## METALLIZED POLYESTER FILM CAPACITOR (DIPPED)

### 金属化聚酯膜电容器（浸渍型）

#### 概述 Overview

##### 应用领域

- 应用于直流和 VHF 级信号的隔直流、旁路和耦合
- 应用于滤波、低脉冲电路

##### 参考标准

- GB 7332 (IEC 60384-2)

##### 气候类别

- 55/105/21

##### 结构

- 金属化聚酯膜，无感卷绕结构
- 阻燃性环氧粉末包封

##### 特点

- 容量范围宽，体积小，重量轻
- 自愈性好，寿命长

##### Application

- Suitable for blocking, by-pass and coupling of DC and signals to VHF range
- Widely used in filter and low pulse circuits

##### Reference standards

- GB 7332 (IEC 60384-2)

##### Climatic Category

- 55/105/21

##### Construction

- Metallized polyester film, non-inductive structure
- Flame retardant epoxy resin coating

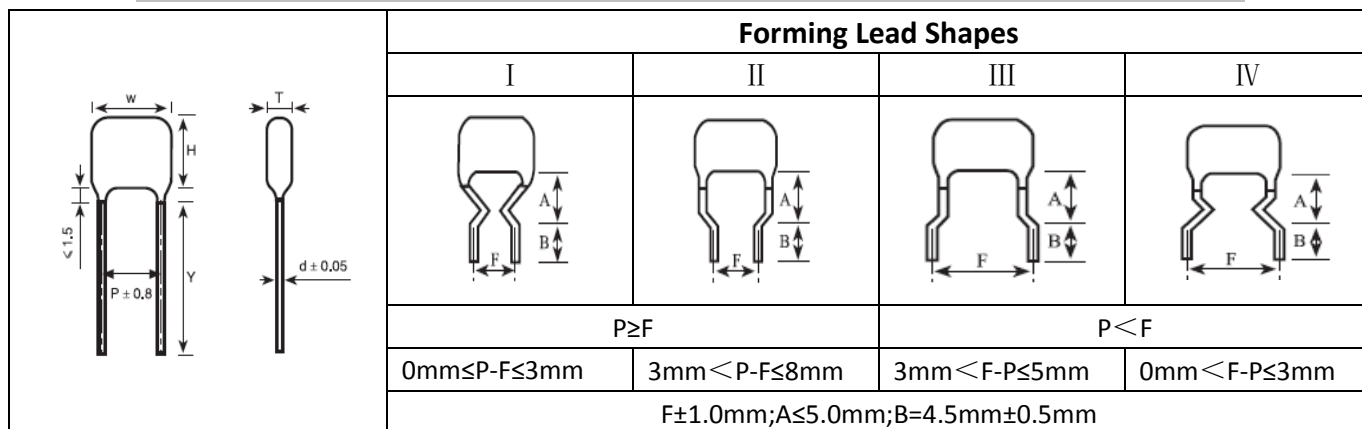
##### Features

- Wide capacitance range, small size, and light weight
- Long life due to self-healing effect

#### 技术参数 Technical data

|   |   |   |
|---|---|---|
| 额定电压 Rated Voltage                        | 100V, 250V, 400V, 630V, 125Vac, 250Vac  |   |
| 电容器范围<br>Capacitance Range                | 0.010 $\mu$ F~10.0 $\mu$ F  |   |
| 额定温度<br>Rated Voltage                     | 85 $^{\circ}$ C   |   |
| 工作温度范围<br>Operating Temperature Range     | -55 $^{\circ}$ C~105 $^{\circ}$ C<br>(+85 $^{\circ}$ C to +105 $^{\circ}$ C: decreasing factor 1.25% per $^{\circ}$ C for $V_R$ (dc)) |   |
| 电容器允许偏差<br>Capacitance Tolerance          | $\pm$ 5% (J), $\pm$ 10% (K)   |   |
| 耐电压 Voltage Proof                         | 1.6 $V_R$ (5S)  |   |
| 介质损耗角正切<br>Dissipation factor tg $\delta$ | $\leq$ 0.01 (20 $^{\circ}$ C, 1kHz)   |   |
| 绝缘电阻<br>Insulation resistance             | $U_R \leq 100V$   | $\geq 15000M\Omega$ , $C_R \leq 0.33\mu F$ (20 $^{\circ}$ C, 10V, 1min)<br>$\geq 5000S$ , $C_R > 0.33\mu F$ (20 $^{\circ}$ C, 10V, 1min)  |
|   | $U_R > 100V$  | $\geq 30000M\Omega$ , $C_R \leq 0.33\mu F$ (20 $^{\circ}$ C, 100V, min)<br>$\geq 10000S$ , $C_R > 0.33\mu F$ (20 $^{\circ}$ C, 100V, min) |

尺寸图 SIZE



外型尺寸 Dimensions (mm)

| 100Vdc                  |            |            |            |      |     |                     |
|-------------------------|------------|------------|------------|------|-----|---------------------|
| 容量<br>( $\mu\text{F}$ ) | W<br>(max) | H<br>(max) | T<br>(max) | P    | d   | 产品代码<br>Part number |
| 0.010                   | 6.9        | 6.5        | 3.5        | 5.0  | 0.5 | K112A103-5D++       |
| 0.012                   | 6.9        | 6.7        | 3.7        | 5.0  | 0.5 | K112A123-5D++       |
| 0.015                   | 6.9        | 6.9        | 3.9        | 5.0  | 0.5 | K112A153-5D++       |
| 0.018                   | 6.9        | 7.2        | 4.2        | 5.0  | 0.5 | K112A183-5D++       |
| 0.022                   | 6.9        | 6.8        | 3.8        | 5.0  | 0.5 | K112A223-5D++       |
| 0.027                   | 6.9        | 6.4        | 3.4        | 5.0  | 0.5 | K112A273-5D++       |
| 0.033                   | 6.9+       | 6.6        | 3.6        | 5.0  | 0.5 | K112A333-5D++       |
| 0.039                   | 6.9        | 6.8        | 3.8        | 5.0  | 0.5 | K112A393-5D++       |
| 0.047                   | 6.9        | 7.0        | 4.0        | 5.0  | 0.5 | K112A473-5D++       |
| 0.056                   | 6.9        | 6.7        | 3.7        | 5.0  | 0.5 | K112A563-5D++       |
| 0.068                   | 6.9        | 6.9        | 3.9        | 5.0  | 0.5 | K112A683-5D++       |
| 0.082                   | 6.9        | 7.2        | 4.2        | 5.0  | 0.5 | K112A823-5D++       |
| 0.10                    | 6.9        | 7.5        | 4.5        | 5.0  | 0.5 | K112A104-5D++       |
| 0.12                    | 9.3        | 7.0        | 4.0        | 7.5  | 0.6 | K112A124-6I++       |
| 0.15                    | 9.3        | 7.8        | 4.1        | 7.5  | 0.6 | K112A154-6I++       |
| 0.18                    | 9.3        | 7.5        | 3.9        | 7.5  | 0.6 | K112A184-6I++       |
| 0.22                    | 9.3        | 7.8        | 4.1        | 7.5  | 0.6 | K112A224-6I++       |
| 0.27                    | 9.3        | 8.1        | 4.5        | 7.5  | 0.6 | K112A274-6I++       |
| 0.33                    | 9.3        | 8.5        | 4.8        | 7.5  | 0.6 | K112A334-6I++       |
| 0.39                    | 9.3        | 8.8        | 5.2        | 7.5  | 0.6 | K112A394-6I++       |
| 0.47                    | 9.3        | 9.2        | 5.6        | 7.5  | 0.6 | K112A474-6I++       |
| 0.56                    | 11.8       | 8.8        | 5.2        | 10.0 | 0.6 | K112A564-6N++       |
| 0.68                    | 11.8       | 9.3        | 5.6        | 10.0 | 0.6 | K112A684-6N++       |
| 0.82                    | 11.8       | 9.7        | 6.1        | 10.0 | 0.6 | K112A824-6N++       |
| 1.0                     | 11.8       | 10.3       | 6.6        | 10.0 | 0.6 | K112A105-6N++       |
| 1.2                     | 11.8       | 10.9       | 7.2        | 10.0 | 0.6 | K112A125-6N++       |
| 1.5                     | 11.8       | 11.6       | 8.0        | 10.0 | 0.6 | K112A155-6N++       |

| 100Vdc                  |            |            |            |      |     |                     |
|-------------------------|------------|------------|------------|------|-----|---------------------|
| 容量<br>( $\mu\text{F}$ ) | W<br>(max) | H<br>(max) | T<br>(max) | P    | d   | 产品代码<br>Part number |
| 1.8                     | 17.0       | 13.1       | 6.3        | 15.0 | 0.6 | K112A185-6Q++       |
| 2.2                     | 17.0       | 13.7       | 6.9        | 15.0 | 0.8 | K112A225-8Q++       |
| 2.7                     | 17.0       | 14.4       | 7.6        | 15.0 | 0.8 | K112A275-8Q++       |
| 3.3                     | 17.0       | 15.0       | 8.4        | 15.0 | 0.8 | K112A335-8Q++       |
| 3.9                     | 17.0       | 15.9       | 9.1        | 15.0 | 0.8 | K112A395-8Q++       |
| 4.7                     | 24.7       | 16.0       | 7.6        | 22.5 | 0.8 | K112A475-8U++       |
| 5.6                     | 24.7       | 16.7       | 8.3        | 22.5 | 0.8 | K112A565-8U++       |
| 6.8                     | 24.7       | 17.5       | 9.2        | 22.5 | 0.8 | K112A685-8U++       |
| 8.2                     | 24.7       | 18.5       | 10.1       | 22.5 | 0.8 | K112A825-8U++       |
| 10.0                    | 24.7       | 20.0       | 10.6       | 22.5 | 0.8 | K112A106-8U++       |
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**外型尺寸 Dimensions (mm)**

| 250Vdc     |            |            |            |      |     |                     |
|------------|------------|------------|------------|------|-----|---------------------|
| 容量<br>(μF) | W<br>(max) | H<br>(max) | T<br>(max) | P    | d   | 产品代码<br>Part number |
| 0.010      | 9.3        | 6.5        | 3.5        | 7.5  | 0.6 | K112E103-6I++       |
| 0.012      | 9.3        | 6.7        | 3.7        | 7.5  | 0.6 | K112E123-6I++K      |
| 0.015      | 9.3        | 7.4        | 3.8        | 7.5  | 0.6 | K112E153-6I++       |
| 0.018      | 9.3        | 7.6        | 4.0        | 7.5  | 0.6 | K112E183-6I++       |
| 0.022      | 9.3        | 7.4        | 3.8        | 7.5  | 0.6 | K112E223-6I++       |
| 0.027      | 9.3        | 7.7        | 4.1        | 7.5  | 0.6 | K112E273-6I++       |
| 0.033      | 9.3        | 7.3        | 3.7        | 7.5  | 0.6 | K112E333-6I++       |
| 0.039      | 9.3        | 7.5        | 3.9        | 7.5  | 0.6 | K112E393-6I++       |
| 0.047      | 9.3        | 7.8        | 4.1        | 7.5  | 0.6 | K112E473-6I++       |
| 0.056      | 9.3        | 8.0        | 4.4        | 7.5  | 0.6 | K112E563-6I++       |
| 0.068      | 9.3        | 7.5        | 3.9        | 7.5  | 0.6 | K112E683-6I++       |
| 0.082      | 9.3        | 7.8        | 4.1        | 7.5  | 0.6 | K112E823-6I++       |
| 0.10       | 9.3        | 8.1        | 4.4        | 7.5  | 0.6 | K112E104-6I++       |
| 0.12       | 9.3        | 8.4        | 4.8        | 7.5  | 0.6 | K112E124-6I++       |
| 0.15       | 9.3        | 8.8        | 5.2        | 7.5  | 0.6 | K112E154-6I++       |
| 0.18       | 11.8       | 8.9        | 4.5        | 10.0 | 0.6 | K112E184-6N++       |
| 0.22       | 11.8       | 9.3        | 4.8        | 10.0 | 0.6 | K112E224-6N++       |
| 0.27       | 11.8       | 9.7        | 5.3        | 10.0 | 0.6 | K112E274-6N++       |
| 0.33       | 11.8       | 10.7       | 5.5        | 10.0 | 0.6 | K112E334-6N++       |
| 0.39       | 17.0       | 10.4       | 5.2        | 15.0 | 0.6 | K112E394-6Q++       |
| 0.47       | 17.0       | 10.8       | 5.6        | 15.0 | 0.6 | K112E474-6Q++       |
| 0.56       | 17.0       | 12.3       | 5.5        | 15.0 | 0.6 | K112E564-6Q++       |
| 0.68       | 17.0       | 12.8       | 6.0        | 15.0 | 0.6 | K112E684-6Q++       |
| 0.82       | 17.0       | 13.3       | 6.5        | 15.0 | 0.6 | K112E824-6Q++       |
| 1.0        | 17.0       | 13.9       | 7.1        | 15.0 | 0.6 | K112E105-6Q++       |
| 1.2        | 17.0       | 14.5       | 7.7        | 15.0 | 0.8 | K112E125-8Q++       |
| 1.5        | 17.0       | 15.4       | 8.6        | 15.0 | 0.8 | K112E155-8Q++       |
| 1.8        | 17.0       | 16.2       | 9.4        | 15.0 | 0.8 | K112E185-8Q++       |
| 2.2        | 24.7       | 15.1       | 8.3        | 22.5 | 0.8 | K112E225-8U++       |
| 2.7        | 24.7       | 16.0       | 9.2        | 22.5 | 0.8 | K112E275-8U++       |
| 3.3        | 24.7       | 16.9       | 10.1       | 22.5 | 0.8 | K112E335-8U++       |
| 3.9        | 24.7       | 18.7       | 10.4       | 22.5 | 0.8 | K112E395-8U++       |
| 4.7        | 24.7       | 19.8       | 11.4       | 22.5 | 0.8 | K112E475-8U++       |
| 5.6        | 29.7       | 19.4       | 11.1       | 27.5 | 0.8 | K112E565-8W++       |
| 6.8        | 29.7       | 20.6       | 12.3       | 27.5 | 0.8 | K112E685-8W++       |
| 8.2        | 29.7       | 21.9       | 13.5       | 27.5 | 0.8 | K112E825-8W++       |
| 10.0       | 29.7       | 23.4       | 15.0       | 27.5 | 0.8 | K112E106-8W++       |
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| 400Vdc     |            |            |            |      |     |                     |
|------------|------------|------------|------------|------|-----|---------------------|
| 容量<br>(μF) | W<br>(max) | H<br>(max) | T<br>(max) | P    | d   | 产品代码<br>Part number |
| 0.0100     | 9.3        | 6.9        | 3.9        | 7.5  | 0.6 | K112G103-6I++       |
| 0.012      | 9.3        | 7.1        | 4.1        | 7.5  | 0.6 | K112G123-6I++       |
| 0.015      | 9.3        | 7.5        | 4.4        | 7.5  | 0.6 | K112G153-6I++       |
| 0.018      | 9.3        | 7.3        | 3.7        | 7.5  | 0.6 | K112G183-6I++       |
| 0.022      | 9.3        | 7.5        | 3.9        | 7.5  | 0.6 | K112G223-6I++       |
| 0.027      | 9.3        | 7.8        | 4.2        | 7.5  | 0.6 | K112G273-6I++       |
| 0.033      | 9.3        | 8.1        | 4.5        | 7.5  | 0.6 | K112G333-6I++       |
| 0.039      | 9.3        | 8.2        | 4.6        | 7.5  | 0.6 | K112G393-6I++       |
| 0.047      | 9.3        | 8.6        | 4.9        | 7.5  | 0.6 | K112G473-6I++       |
| 0.056      | 11.8       | 8.8        | 4.3        | 10.0 | 0.6 | K112G563-6N++       |
| 0.068      | 11.8       | 9.1        | 4.7        | 10.0 | 0.6 | K112G683-6N++       |
| 0.082      | 11.8       | 9.4        | 5.0        | 10.0 | 0.6 | K112G823-6N++       |
| 0.10       | 11.8       | 9.9        | 5.4        | 10.0 | 0.6 | K112G104-6N++       |
| 0.12       | 11.8       | 10.3       | 5.9        | 10.0 | 0.6 | K112G124-6N++       |
| 0.15       | 17.0       | 10.6       | 5.4        | 15.0 | 0.6 | K112G154-6Q++       |
| 0.18       | 17.0       | 11.0       | 5.8        | 15.0 | 0.6 | K112G184-6Q++       |
| 0.22       | 17.0       | 11.5       | 6.3        | 15.0 | 0.6 | K112G224-6Q++       |
| 0.27       | 17.0       | 12.0       | 6.8        | 15.0 | 0.6 | K112G274-6Q++       |
| 0.33       | 17.0       | 12.7       | 7.4        | 15.0 | 0.6 | K112G334-6Q++       |
| 0.39       | 17.0       | 13.2       | 8.0        | 15.0 | 0.8 | K112G394-8Q++       |
| 0.47       | 17.0       | 13.9       | 8.7        | 15.0 | 0.8 | K112G474-8Q++       |
| 0.56       | 17.0       | 14.6       | 9.4        | 15.0 | 0.8 | K112G564-8Q++       |
| 0.68       | 17.0       | 15.5       | 10.3       | 15.0 | 0.8 | K112G684-8Q++       |
| 0.82       | 17.0       | 16.5       | 11.3       | 15.0 | 0.8 | K112G824-8Q++       |
| 1.0        | 24.7       | 17.0       | 8.6        | 22.5 | 0.8 | K112G105-8U++       |
| 1.2        | 24.7       | 17.8       | 9.4        | 22.5 | 0.8 | K112G125-8U++       |
| 1.5        | 24.7       | 18.9       | 10.5       | 22.5 | 0.8 | K112G155-8U++       |
| 1.8        | 29.7       | 18.6       | 10.3       | 27.5 | 0.8 | K112G185-8W++       |
| 2.2        | 29.7       | 20.7       | 10.8       | 27.5 | 0.8 | K112G225-8W++       |
| 2.7        | 29.7       | 21.9       | 12.0       | 27.5 | 0.8 | K112G275-8W++       |
| 3.3        | 29.7       | 23.3       | 13.4       | 27.5 | 0.8 | K112G335-8W++       |
| 3.9        | 29.7       | 24.6       | 14.6       | 27.5 | 0.8 | K112G395-8W++       |
| 4.7        | 29.7       | 26.1       | 16.2       | 27.5 | 0.8 | K112G475-8W++       |
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## 外型尺寸 Dimensions (mm)

| 630Vdc           |            |            |            |      |     |                     |
|------------------|------------|------------|------------|------|-----|---------------------|
| 容量<br>( $\mu$ F) | W<br>(max) | H<br>(max) | T<br>(max) | P    | d   | 产品代码<br>Part number |
| 0.010            | 11.8       | 7.4        | 3.8        | 10.0 | 0.6 | K112J103-6N++       |
| 0.012            | 11.8       | 7.6        | 4.0        | 10.0 | 0.6 | K112J123-6N++       |
| 0.015            | 11.8       | 7.7        | 4.0        | 10.0 | 0.6 | K112J153-6N++       |
| 0.018            | 11.8       | 7.9        | 4.2        | 10.0 | 0.6 | K112J183-6N++       |
| 0.022            | 11.8       | 8.2        | 4.5        | 10.0 | 0.6 | K112J223-6N++       |
| 0.027            | 11.8       | 8.5        | 4.9        | 10.0 | 0.6 | K112J273-6N++       |
| 0.033            | 11.8       | 8.9        | 5.2        | 10.0 | 0.6 | K112J333-6N++       |
| 0.039            | 11.8       | 9.2        | 5.6        | 10.0 | 0.6 | K112J393-6N++       |
| 0.047            | 11.8       | 9.7        | 6.0        | 10.0 | 0.6 | K112J473-6N++       |
| 0.056            | 11.8       | 10.1       | 6.5        | 10.0 | 0.6 | K112J563-6N++       |
| 0.068            | 11.8       | 10.7       | 7.0        | 10.0 | 0.6 | K112J683-6N++       |
| 0.082            | 11.8       | 11.3       | 7.6        | 10.0 | 0.6 | K112J823-6N++       |
| 0.10             | 17.0       | 11.5       | 6.3        | 15.0 | 0.6 | K112J104-6Q++       |
| 0.12             | 17.0       | 12.0       | 6.8        | 15.0 | 0.6 | K112J124-6Q++       |
| 0.15             | 17.0       | 12.7       | 7.5        | 15.0 | 0.8 | K112J154-8Q++       |
| 0.18             | 17.0       | 13.3       | 8.1        | 15.0 | 0.8 | K112J184-8Q++       |
| 0.22             | 17.0       | 14.0       | 8.8        | 15.0 | 0.8 | K112J224-8Q++       |
| 0.27             | 17.0       | 14.9       | 9.7        | 15.0 | 0.8 | K112J274-8Q++       |
| 0.33             | 17.0       | 15.8       | 10.6       | 15.0 | 0.8 | K112J334-8Q++       |
| 0.39             | 17.0       | 16.7       | 11.5       | 15.0 | 0.8 | K112J394-8Q++       |
| 0.47             | 24.7       | 15.9       | 9.2        | 22.5 | 0.8 | K112J474-8U++       |
| 0.56             | 24.7       | 16.7       | 10.0       | 22.5 | 0.8 | K112J564-8U++       |
| 0.68             | 24.7       | 17.7       | 10.9       | 22.5 | 0.8 | K112J684-8U++       |
| 0.82             | 24.7       | 18.8       | 12.0       | 22.5 | 0.8 | K112J824-8U++       |
| 1.0              | 29.7       | 19.4       | 11.1       | 27.5 | 0.8 | K112J105-8W++       |
| 1.2              | 29.7       | 20.5       | 12.1       | 27.5 | 0.8 | K112J125-8W++       |
| 1.5              | 29.7       | 22.0       | 13.6       | 27.5 | 0.8 | K112J155-8W++       |
| 1.8              | 29.7       | 23.3       | 15.0       | 27.5 | 0.8 | K112J185-8W++       |
| 2.2              | 29.7       | 25.0       | 16.6       | 27.5 | 0.8 | K112J225-8W++       |
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| 125Vac           |            |            |            |      |     |                     |
|------------------|------------|------------|------------|------|-----|---------------------|
| 容量<br>( $\mu$ F) | W<br>(max) | H<br>(max) | T<br>(max) | P    | d   | 产品代码<br>Part number |
| 0.010            | 9.8        | 5.6        | 4.2        | 7.5  | 0.6 | K11B2103-6I++       |
| 0.012            | 9.8        | 5.6        | 4.2        | 7.5  | 0.6 | K11B2123-6I++       |
| 0.015            | 9.8        | 5.6        | 4.2        | 7.5  | 0.6 | K11B2153-6I++       |
| 0.018            | 9.8        | 5.9        | 4.2        | 7.5  | 0.6 | K11B2183-6I++       |
| 0.022            | 9.8        | 5.9        | 4.2        | 7.5  | 0.6 | K11B2223-6I++       |
| 0.027            | 9.8        | 5.9        | 4.2        | 7.5  | 0.6 | K11B2273-6I++       |
| 0.033            | 9.8        | 6.0        | 4.2        | 7.5  | 0.6 | K11B2333-6I++       |
| 0.039            | 9.8        | 6.0        | 4.2        | 7.5  | 0.6 | K11B2393-6I++       |
| 0.047            | 9.8        | 6.2        | 4.3        | 7.5  | 0.6 | K11B2473-6I++       |
| 0.056            | 9.8        | 6.4        | 4.5        | 7.5  | 0.6 | K11B2563-6I++       |
| 0.068            | 9.8        | 6.7        | 4.8        | 7.5  | 0.6 | K11B2683-6I++       |
| 0.082            | 9.8        | 7.7        | 4.1        | 7.5  | 0.6 | K11B2823-6I++       |
| 0.10             | 9.8        | 7.7        | 4.3        | 7.5  | 0.6 | K11B2104-6I++       |
| 0.12             | 9.8        | 7.7        | 5.0        | 7.5  | 0.6 | K11B2124-6I++       |
| 0.15             | 9.8        | 8.6        | 5.5        | 7.5  | 0.6 | K11B2154-6I++       |
| 0.18             | 9.8        | 11.2       | 5.0        | 7.5  | 0.6 | K11B2184-6I++       |
| 0.22             | 9.8        | 11.8       | 5.5        | 7.5  | 0.6 | K11B2224-6I++       |
| 0.27             | 12.5       | 11.3       | 5.0        | 10.0 | 0.6 | K11B2274-6N++       |
| 0.33             | 12.5       | 10.8       | 6.0        | 10.0 | 0.6 | K11B2334-6N++       |
| 0.39             | 12.5       | 11.2       | 6.5        | 10.0 | 0.6 | K11B2394-6N++       |
| 0.47             | 12.5       | 11.7       | 7.0        | 10.0 | 0.6 | K11B2474-6N++       |
| 0.56             | 12.5       | 13.3       | 7.0        | 10.0 | 0.6 | K11B2564-6N++       |
| 0.68             | 12.5       | 14.0       | 7.7        | 10.0 | 0.6 | K11B2684-6N++       |
| 0.82             | 17.8       | 12.8       | 5.6        | 15.0 | 0.8 | K11B2824-8Q++       |
| 1.0              | 17.8       | 13.4       | 6.2        | 15.0 | 0.8 | K11B2105-8Q++       |
| 1.2              | 17.8       | 14.5       | 7.3        | 15.0 | 0.8 | K11B2125-8Q++       |
| 1.5              | 17.8       | 15.5       | 8.5        | 15.0 | 0.8 | K11B2155-8Q++       |
| 1.8              | 17.8       | 16.5       | 9.3        | 15.0 | 0.8 | K11B2185-8Q++       |
| 2.2              | 17.8       | 17.5       | 10.3       | 15.0 | 0.8 | K11B2225-8Q++       |
| 2.7              | 17.8       | 18.5       | 11.5       | 15.0 | 0.8 | K11B2275-8Q++       |
| 3.3              | 25.5       | 18.5       | 9.3        | 22.5 | 0.8 | K11B2335-8Q++       |
| 3.9              | 25.5       | 19.5       | 10.3       | 22.5 | 0.8 | K11B2395-8Q++       |
| 4.7              | 25.5       | 20.7       | 11.3       | 22.5 | 0.8 | K11B2475-8Q++       |

外型尺寸 Dimensions (mm)

| 250Vac     |            |            |            |      |     |                     |
|------------|------------|------------|------------|------|-----|---------------------|
| 容量<br>(μF) | W<br>(max) | H<br>(max) | T<br>(max) | P    | d   | 产品代码<br>Part number |
| 0.010      | 9.8        | 7.3        | 4.2        | 7.5  | 0.6 | K11E2103-6I++       |
| 0.012      | 9.8        | 7.3        | 4.2        | 7.5  | 0.6 | K11E2123-6I++       |
| 0.015      | 9.8        | 7.5        | 4.2        | 7.5  | 0.6 | K11E2153-6I++       |
| 0.018      | 9.8        | 7.5        | 4.2        | 7.5  | 0.6 | K11E2183-6I++       |
| 0.022      | 9.8        | 7.7        | 4.5        | 7.5  | 0.6 | K11E2223-6I++       |
| 0.027      | 9.8        | 8.0        | 4.8        | 7.5  | 0.6 | K11E2273-6I++       |
| 0.033      | 9.8        | 8.2        | 5.2        | 7.5  | 0.6 | K11E2333-6I++       |
| 0.039      | 12.5       | 7.6        | 4.5        | 10.0 | 0.6 | K11E2393-6N++       |
| 0.047      | 12.5       | 7.8        | 4.7        | 10.0 | 0.6 | K11E2473-6N++       |
| 0.056      | 12.5       | 9.5        | 4.8        | 10.0 | 0.6 | K11E2563-6N++       |
| 0.068      | 12.5       | 9.8        | 5.2        | 10.0 | 0.6 | K11E2683-6N++       |
| 0.082      | 12.5       | 10.3       | 5.3        | 10.0 | 0.6 | K11E2823-6N++       |
| 0.10       | 12.5       | 11.7       | 5.2        | 10.0 | 0.6 | K11E2104-6N++       |
| 0.12       | 17.8       | 10.0       | 5.0        | 15.0 | 0.6 | K11E2124-6Q++       |
| 0.15       | 17.8       | 11.3       | 4.8        | 15.0 | 0.6 | K11E2154-6Q++       |
| 0.18       | 17.8       | 11.5       | 5.5        | 15.0 | 0.6 | K11E2184-6Q++       |
| 0.22       | 17.8       | 12.0       | 6.0        | 15.0 | 0.6 | K11E2224-6Q++       |
| 0.27       | 17.8       | 12.7       | 6.3        | 15.0 | 0.6 | K11E2274-6Q++       |
| 0.33       | 17.8       | 13.2       | 6.8        | 15.0 | 0.8 | K11E2334-8Q++       |
| 0.39       | 17.8       | 14.0       | 7.3        | 15.0 | 0.8 | K11E2394-8Q++       |
| 0.47       | 17.8       | 15.5       | 7.3        | 15.0 | 0.8 | K11E2474-8Q++       |
| 0.56       | 17.8       | 16.3       | 8.5        | 15.0 | 0.8 | K11E2564-8Q++       |
| 0.68       | 17.8       | 17.3       | 9.3        | 15.0 | 0.8 | K11E2684-8Q++       |
| 0.82       | 25.5       | 17.3       | 9.3        | 22.5 | 0.8 | K11E2824-8U++       |
| 1.0        | 25.5       | 18.2       | 10.2       | 22.5 | 0.8 | K11E2105-8U++       |
|            |            |            |            |      |     |                     |
|            |            |            |            |      |     |                     |
|            |            |            |            |      |     |                     |
|            |            |            |            |      |     |                     |
|            |            |            |            |      |     |                     |
|            |            |            |            |      |     |                     |
|            |            |            |            |      |     |                     |
|            |            |            |            |      |     |                     |
|            |            |            |            |      |     |                     |

产品编码说明 Part number system

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

|   |  |
|---|--|
| <p><b>第 1~3 位</b>    型号代码<br/>K11=CL21</p>  | <p><b>Digit 1 to 3:</b>    Series code of film capacitor<br/>K11=CL21</p>  |
| <p><b>第 4~5 位</b>    额定电压<br/>1H=50V,1J=63V,2A=100V ,<br/>2E=250V, 2G=400V,2J=630V,<br/>B2=125Vac,E2=250Vac</p> | <p><b>Digit 4 to 5:</b>    Rated    Voltage<br/>1H=50V,1J=63V,2A=100V,<br/>2E=250V, 2G=400V,2J=630V,<br/>B2=125Vac,E2=250Vac</p> |
| <p><b>第 6~8 位</b>    标称容量<br/>例如: 102=10*10<sup>2</sup>pF=0.001μF</p>   | <p><b>Digit 6 to 8:</b>    Rated capacitance value<br/>e.g: 102=10*10<sup>2</sup>pF=0.001μF</p>                                  |
| <p><b>第 9 位</b>        容量偏差<br/>J=±5%,K=±10%, M=±20%</p>  | <p><b>Digit 9:</b>        Capacitance tolerance<br/>J=±5%,K=±10%, M=±20%</p>   |
| <p><b>第 10 位</b>      引线线径 d<br/>5=0.5mm,6=0.6mm,8=0.8mm</p>  | <p><b>Digit 10:</b>      Lead wire diameter d<br/>5=0.5mm,6=0.6mm,8=0.8mm</p>  |
| <p><b>第 11 位</b>      引出端脚距<br/>D=5.0mm,I=7.5mm,N=10mm,<br/>Q=15mm,U=22.5mm,W=27.5mm</p>                        | <p><b>Digit 11:</b>      Pitch<br/>D=5.0mm,I=7.5mm,N=10mm,<br/>Q=15mm,U=22.5mm,W=27.5mm</p>                                      |
| <p><b>第 12~15 位</b> 引线加工及包装代码 (表 2)</p>   | <p><b>Digit 12 to 15:</b>Lead form and packing codes<br/>(figure 2)</p>  |
| <p><b>第 16 位</b>      引线特征码 (表 1)<br/>例如: A=A 型, B=B 型, C=C 型</p>   | <p><b>Digit 16:</b>      Forming lead shapes (figure 1)<br/>e.g: A=A, B=B, C=C</p>   |
| <p><b>第 17 位</b>      内部特征码</p>   | <p><b>Digit 17:</b>      Internal use</p>  |

表 1 Figure 1:

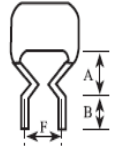
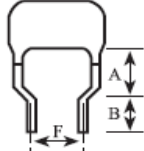
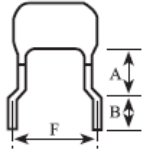
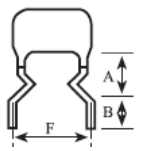
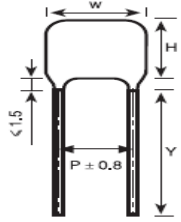
| 代码 Code                        | A   | B   | C   | D   | E   |
|--------------------------------|---|---|---|---|---|
| 引线形状<br>Forming<br>shape       |    |  |  |  |  |
| 适用范围<br>Applicable<br>range    | $P \geq F$  |   | $P \leq F$  |   | P   |
|                                | $0\text{mm} \leq P - F \leq 3\text{mm}$   | $3\text{mm} < P - F \leq 8\text{mm}$  | $3\text{mm} < F - P \leq 5\text{mm}$  | $0\text{mm} < F - P \leq 3\text{mm}$  |   |
| 尺寸标准<br>Dimension<br>standards | $A \leq 5.0\text{mm}$ ;<br>B 允许偏差为 $\pm 0.5\text{mm}$ ; The permissible tolerance of 'B' is $\pm 0.5\text{mm}$<br>L 允许偏差为 $\pm 5\text{mm}$ ; The permissible tolerance of 'L' is $\pm 5\text{mm}$<br>F 允许偏差为 $\pm 1.0\text{mm}$ ; The permissible tolerance of 'F' is $\pm 1.0\text{mm}$<br>P 允许偏差为 $\pm 1.0\text{mm}$ The permissible tolerance of 'P' is $\pm 1.0\text{mm}$ |   |   |   |   |

表 2 引线加工和包装代码 Figure 2: Lead form and packing codes

| 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     | D             | F=5.0mm                | 1             | 表示弯脚<br>Kinked   | A             | 产品在连续的两个载带孔之间<br>当引线脚距5mm 时, 产品之间的距离<br>为12.7mm, 产品底部与载孔距离20mm<br>Each cap. between two consecutive holes<br>P3=12.7mm,H=20.0mm (For pitch5mm) |
|               |                       | I             | F=7.5mm                |               |                  |               |  |
|               |                       | N             | F=10mm                 |               |                  |               |  |
|               |                       | Q             | F=10mm                 | 2             | 表示直脚<br>Straight |               |  |
|               |                       | U             | F=22.5mm               |               |                  |               |  |
|               |                       | W             | F=25mm                 |               |                  |               |  |
| F             | 引线成型<br>Lead kinked   | D             | F=5.0mm                | 0             | B=4.5mm          | 0             | B 的长度偏差 $\pm 0.5\text{mm}$<br>B Length tolerance $\pm 0.5\text{mm}$  |
|               |                       | I             | F=7.5mm                |               |                  |               |  |
|               |                       | N             | F=10mm                 |               |                  |               |  |
|               |                       | Q             | F=10mm                 |               |                  |               |  |
|               |                       | U             | F=22.5mm               |               |                  |               |  |
|               |                       | W             | F=25mm                 |               |                  |               |  |
| L             | 直脚包装<br>Straight lead | 代码 Code       | 说明 explanation         |               |                  | 0             | 引线长度偏差 $\pm 0.5\text{mm}$<br>Length tolerance $\pm 0.5\text{mm}$   |
|               |                       | 45            | 引线长度 lead length 4.5mm |               |                  |               |  |

第 12~15 位代码为“K000”时, 表示标准引线长度 38mm min

When Digit 12 to 15 is K000 means standard lead length is 38mm min