

# 瓷介电容器 Ceramic Capacitors

## 特性 Feature

- 容量范围 Wide capacitance range from 100pF to 10000pF
- 工作温度 Operating Temperature: -40℃~125℃
- 存储温度 Storage Temperature: -10℃~40℃

## 应用 Applications

瓷介电容器适用于电子设备的电源电路噪声抑制电路中，也可用于天线耦合跨接和旁路电路中。  
These products Can be used in noise suppression of power supply circuit for general electronic equipment, and might be used as antenna coupling, crossing and bypass circuit.

## 使用标准Applicable Standard

| 通过认证<br>APPROVAL  | 认证组织<br>ORGANIZATION | 标准.<br>SAFTY STANDARDS | 证书<br>CERTIFICATE NO.                              |
|---|----------------------|------------------------|--|
|    | UL<br>CUL            | UL60384-14             | E154899  |
|  | CSA                  | CAN/CSA-E60384-14      | 2405436<br>2405437                                 |
|  | (VDE+ENEC)VD<br>E    | IEC 60384 -14          | 40036393<br>40036246                               |
|  | SEMKO                | EN60384-14             | 1914801  |
|  | KTC                  | K60384 - 14            | HU03004-16006A<br>HU03004-16007A<br>HU03004-16008A |
|  | NEMKO                | EN60384-14             | P19223823  |
|  | DEMKO                | EN60384-14             | D-03468-M1   |
|  | FIMKO                | IEC 60384 -14          | FI 40341   |
|  | SEV                  | IEC 60384 -14          | 19.0474<br>19.0475                                 |
|  | CQC                  | IEC 60384 -14          | CQC15001124387<br>CQC15001124387<br>CQC15001127382 |

# 产品型号 Part Number

DCF 331 K 30 Y5P G 6 B L 0 □ □

## 型号 Type:

DCF: 交流圆片瓷介电容器  
DCG: 超高压瓷片电容器  
DCH: 高压圆片瓷介电容器

## 电容量 (Capacitance):

470: 47pF  
471: 470pF  
472: 2200pF  
103: 10000pF

## 电容量允许偏差

### Capacitance Tolerance:

M=20%      Z=+80%-20%  
K=±10%    J=±5%

## 尺寸代码 Size:

见规格详情  
See the specification

## 温度特性

### temperature characteristic:

Y5P, Y5U, Y5V

## 额定电压 Rated voltage:

N=1KVDC    P=2KVDC    R=3KVDC  
G=X1 400VAC    Y1 250VAC    Q=X1 400VAC/Y2 250VAC

## 电极材料:

**Electrode Material**  
Copper or Silver electrode

## 内部管理代码

**Interior managing**

## 位引线间距 Lead spacing:

5=5.0mm    7=7.5mm    0=10mm

## 引线式样 Lead style:

L、P  
见引线形状 see the lead style  
Figure1-2 and figure 1-5

## 位引线长度/包装方法/

### Lead length/package:

B=26.0±1.0mm, L=2.3±0.3mm  
D=4.5±0.5mm, J=3.2±0.3mm,  
W=3.4±0.3mm, K=2.8±0.5mm,  
F=12.7mm 编带/扇折, V=15.0mm 编带/扇折

## 引线直径 Lead diameter:

CP 线:  
6=0.55±0.05mm    8=0.78±0.05mm

## 脚型 Lead style



Figure 1-2



Figure 1-5

# 规格Specification

| SHM 产品代码<br>SHM Part No. | 额定电压<br>Rated voltage<br>(VAC) | 标称容量<br>Nominal capacitance<br>(pF) | 电容量允许偏差范围<br>Tolerance (%) | 温度特性<br>Temperature Characteristic | 产品尺寸(mm)            |                     |               |                |           |
|--------------------------|--------------------------------|-------------------------------------|----------------------------|------------------------------------|---------------------|---------------------|---------------|----------------|-----------|
|                          |                                |                                     |                            |                                    | 直径<br>Dmax.<br>(mm) | 厚度<br>Tmax.<br>(mm) | 引线间距<br>F(mm) | 引线直径<br>d (mm) | 散件/<br>编带 |
| DCF101K22Y5PG53LOA0      | Y1 250~                        | 100                                 | ±10%                       | Y5P(B)                             | 5.5                 | 6.0                 | 10.0          | 0.48±0.05      | 散件        |
| DCF101K26Y5PG63LOA0      | Y1 250~                        | 100                                 | ±10%                       | Y5P(B)                             | 6.8                 | 6.0                 | 10.0          | 0.55±0.05      | 散件        |
| DCF101K26Y5PG6JLOA0      | Y1 250~                        | 100                                 | ±10%                       | Y5P(B)                             | 6.8                 | 6.0                 | 10.0          | 0.55±0.05      | 散件        |
| DCF101K26Y5PG6JPOA0      | Y1 250~                        | 100                                 | ±10%                       | Y5P(B)                             | 6.8                 | 6.0                 | 10.0          | 0.55±0.05      | 散件        |
| DCF101K26Y5PG6UKOA0      | Y1 250~                        | 100                                 | ±10%                       | Y5P(B)                             | 6.8                 | 6.0                 | 10.0          | 0.55±0.05      | 编带        |
| DCF101K26Y5PG6VLOA0      | Y1 250~                        | 100                                 | ±10%                       | Y5P(B)                             | 6.8                 | 6.0                 | 10.0          | 0.55±0.05      | 编带        |
| DCF101K26Y5PG6WLOA0      | Y1 250~                        | 100                                 | ±10%                       | Y5P(B)                             | 6.8                 | 6.0                 | 10.0          | 0.55±0.05      | 散件        |
| DCF101K26Y5PG6WPOL0      | Y1 250~                        | 100                                 | ±10%                       | Y5P(B)                             | 6.8                 | 6.0                 | 10.0          | 0.55±0.05      | 散件        |
| DCF101M26Y5UG6WPOA0      | Y1 250~                        | 100                                 | ±20%                       | Y5U(E)                             | 6.8                 | 6.0                 | 10.0          | 0.55±0.05      | 散件        |
| DCF102K36Y5PQ6VL7A0      | Y2 250~                        | 1000                                | ±10%                       | Y5P(B)                             | 9.8                 | 5.0                 | 7.5           | 0.55±0.05      | 编带        |
| DCF102K36Y5PQ6WL7A0      | Y2 250~                        | 1000                                | ±10%                       | Y5P(B)                             | 9.8                 | 5.0                 | 7.5           | 0.55±0.05      | 散件        |
| DCF102K43Y5PG6BLOA0      | Y1 250~                        | 1000                                | ±10%                       | Y5P(B)                             | 11.5                | 6.0                 | 10.0          | 0.55±0.05      | 散件        |
| DCF102K43Y5PG6VPOA0      | Y1 250~                        | 1000                                | ±10%                       | Y5P(B)                             | 11.5                | 6.0                 | 10.0          | 0.55±0.05      | 编带        |
| DCF102M26Y5UG60LOA0      | Y1 250~                        | 1000                                | ±20%                       | Y5U(E)                             | 6.8                 | 6.0                 | 10.0          | 0.55±0.05      | 散件        |
| DCF102M26Y5UG65LOA0      | Y1 250~                        | 1000                                | ±20%                       | Y5U(E)                             | 6.8                 | 6.0                 | 10.0          | 0.55±0.05      | 散件        |
| DCF102M26Y5UG68LOA0      | Y1 250~                        | 1000                                | ±20%                       | Y5U(E)                             | 6.8                 | 6.0                 | 10.0          | 0.55±0.05      | 散件        |
| DCF102M26Y5UG6ALO0       | Y1 250~                        | 1000                                | ±20%                       | Y5U(E)                             | 6.8                 | 6.0                 | 10.0          | 0.55±0.05      | 散件        |
| DCF102M26Y5UG6BLOA0      | Y1 250~                        | 1000                                | ±20%                       | Y5U(E)                             | 6.8                 | 6.0                 | 10.0          | 0.55±0.05      | 散件        |
| DCF102M26Y5UG6JKOA0      | Y1 250~                        | 1000                                | ±20%                       | Y5U(E)                             | 6.8                 | 6.0                 | 10.0          | 0.55±0.05      | 散件        |
| DCF102M26Y5UG6JLOA0      | Y1 250~                        | 1000                                | ±20%                       | Y5U(E)                             | 6.8                 | 6.0                 | 10.0          | 0.55±0.05      | 散件        |
| DCF102M26Y5UG6JPOA0      | Y1 250~                        | 1000                                | ±20%                       | Y5U(E)                             | 6.8                 | 6.0                 | 10.0          | 0.55±0.05      | 散件        |
| DCF102M26Y5UG6ULO0       | Y1 250~                        | 1000                                | ±20%                       | Y5U(E)                             | 6.8                 | 6.0                 | 10.0          | 0.55±0.05      | 编带        |
| DCF102M26Y5UG6VLOA0      | Y1 250~                        | 1000                                | ±20%                       | Y5U(E)                             | 6.8                 | 6.0                 | 10.0          | 0.55±0.05      | 编带        |
| DCF102M26Y5UQ68L7A0      | Y2 250~                        | 1000                                | ±20%                       | Y5U(E)                             | 6.8                 | 5.0                 | 7.5           | 0.55±0.05      | 散件        |
| DCF102M26Y5VG6BLOA0      | Y1 250~                        | 1000                                | ±20%                       | Y5V(F)                             | 6.8                 | 6.0                 | 10.0          | 0.55±0.05      | 散件        |
| DCF102M26Y5VG6UPOA0      | Y1 250~                        | 1000                                | ±20%                       | Y5V(F)                             | 6.8                 | 6.0                 | 10.0          | 0.55±0.05      | 编带        |
| DCF102M26Y5VG6WLOA0      | Y1 250~                        | 1000                                | ±20%                       | Y5V(F)                             | 6.8                 | 6.0                 | 10.0          | 0.55±0.05      | 散件        |
| DCF102M26Y5VQ6VL7A0      | Y2 250~                        | 1000                                | ±20%                       | Y5V(F)                             | 6.8                 | 5.0                 | 7.5           | 0.55±0.05      | 编带        |
| DCF102M30Y5UQ6JK7A0      | Y2 250~                        | 1000                                | ±20%                       | Y5U(E)                             | 7.8                 | 5.0                 | 7.5           | 0.55±0.05      | 散件        |
| DCF102M30Y5UQ6VP7A0      | Y2 250~                        | 1000                                | ±20%                       | Y5U(E)                             | 7.8                 | 5.0                 | 7.5           | 0.55±0.05      | 编带        |
| DCF102M30Y5UQ6WP7A0      | Y2 250~                        | 1000                                | ±20%                       | Y5U(E)                             | 7.8                 | 5.0                 | 7.5           | 0.55±0.05      | 散件        |
| DCF102M34Y5UG6JLOA0      | Y1 250~                        | 1000                                | ±20%                       | Y5U(E)                             | 9.0                 | 6.0                 | 10.0          | 0.55±0.05      | 散件        |

|                     |         |       |          |         |      |     |      |           |    |
|---------------------|---------|-------|----------|---------|------|-----|------|-----------|----|
| DCF102M34Y5UG6JP0A0 | Y1 250~ | 1000  | ±20%     | Y5U (E) | 9.0  | 6.0 | 10.0 | 0.55±0.05 | 散件 |
| DCF102M34Y5UG6VK0A0 | Y1 250~ | 1000  | ±20%     | Y5U (E) | 9.0  | 6.0 | 10.0 | 0.55±0.05 | 编带 |
| DCF102M34Y5UG6VL0A0 | Y1 250~ | 1000  | ±20%     | Y5U (E) | 9.0  | 6.0 | 10.0 | 0.55±0.05 | 编带 |
| DCF103M56Y5UQ66L7A0 | Y2 250~ | 10000 | ±20%     | Y5U (E) | 14.7 | 5.0 | 7.5  | 0.55±0.05 | 散件 |
| DCF103M56Y5UQ6JK7A0 | Y2 250~ | 10000 | ±20%     | Y5U (E) | 14.7 | 5.0 | 7.5  | 0.55±0.05 | 散件 |
| DCF103M56Y5VQ68L7A0 | Y2 250~ | 10000 | ±20%     | Y5V (F) | 14.7 | 5.0 | 7.5  | 0.55±0.05 | 散件 |
| DCF103M56Y5VQ6JK0A0 | Y2 250~ | 10000 | ±20%     | Y5V (F) | 14.7 | 5.0 | 10.0 | 0.55±0.05 | 散件 |
| DCF103M56Y5VQ6UL7A0 | Y2 250~ | 10000 | ±20%     | Y5V (F) | 14.7 | 5.0 | 7.5  | 0.55±0.05 | 编带 |
| DCF103M69Y5VG6BL0AJ | Y1 250~ | 10000 | ±20%     | Y5V (F) | 18.0 | 6.0 | 10.0 | 0.55±0.05 | 散件 |
| DCF103M69Y5VG8UL0L0 | Y1 250~ | 10000 | ±20%     | Y5V (F) | 18.0 | 6.0 | 10.0 | 0.78±0.05 | 编带 |
| DCF103Z56Y5VQ6JK7AB | Y2 250~ | 10000 | +80%-20% | Y5V (F) | 14.7 | 5.0 | 7.5  | 0.55±0.05 | 散件 |
| DCF152M30Y5UG6BL0A0 | Y1 250~ | 1500  | ±20%     | Y5U (E) | 7.8  | 6.0 | 10.0 | 0.55±0.05 | 散件 |
| DCF152M30Y5UG6UK0A0 | Y1 250~ | 1500  | ±20%     | Y5U (E) | 7.8  | 6.0 | 10.0 | 0.55±0.05 | 编带 |
| DCF152M30Y5UQ6BL7A0 | Y2 250~ | 1500  | ±20%     | Y5U (E) | 7.8  | 5.0 | 7.5  | 0.55±0.05 | 散件 |
| DCF152M36Y5UG6BL0AA | Y1 250~ | 1500  | ±20%     | Y5U (E) | 9.8  | 6.0 | 10.0 | 0.55±0.05 | 散件 |
| DCF152M36Y5UG6UL0A3 | Y1 250~ | 1500  | ±20%     | Y5U (E) | 9.8  | 6.0 | 10.0 | 0.55±0.05 | 编带 |
| DCF152M36Y5UG6WL0A0 | Y1 250~ | 1500  | ±20%     | Y5U (E) | 9.8  | 6.0 | 10.0 | 0.55±0.05 | 散件 |
| DCF221K22Y5PG6VL0A0 | Y1 250~ | 220   | ±10%     | Y5P (B) | 5.5  | 6.0 | 10.0 | 0.55±0.05 | 编带 |
| DCF221K24Y5PG5LL0A8 | Y1 250~ | 220   | ±10%     | Y5P (B) | 6.0  | 6.0 | 10.0 | 0.48±0.05 | 散件 |
| DCF221K24Y5PG6VL0DM | Y1 250~ | 220   | ±10%     | Y5P (B) | 6.0  | 6.0 | 10.0 | 0.55±0.05 | 编带 |
| DCF221K26Y5PG6GL0A0 | Y1 250~ | 220   | ±10%     | Y5P (B) | 6.8  | 6.0 | 10.0 | 0.55±0.05 | 散件 |
| DCF221K26Y5PG6VL0A0 | Y1 250~ | 220   | ±10%     | Y5P (B) | 6.8  | 6.0 | 10.0 | 0.55±0.05 | 编带 |
| DCF221K26Y5PQ6BL7A6 | Y2 250~ | 220   | ±10%     | Y5P (B) | 6.8  | 5.0 | 7.5  | 0.55±0.05 | 散件 |
| DCF221K30Y5PG6JK0AB | Y1 250~ | 220   | ±10%     | Y5P (B) | 7.8  | 6.0 | 10.0 | 0.55±0.05 | 散件 |
| DCF221K30Y5PG6VK0BT | Y1 250~ | 220   | ±10%     | Y5P (B) | 7.8  | 6.0 | 10.0 | 0.55±0.05 | 编带 |
| DCF222M30Y5UQ6BL7A0 | Y2 250~ | 2200  | ±20%     | Y5U (E) | 7.8  | 5.0 | 7.5  | 0.55±0.05 | 散件 |
| DCF222M30Y5UQ6VL7A0 | Y2 250~ | 2200  | ±20%     | Y5U (E) | 7.8  | 5.0 | 7.5  | 0.55±0.05 | 编带 |
| DCF222M34Y5UG60L0L0 | Y1 250~ | 2200  | ±20%     | Y5U (E) | 9.0  | 6.0 | 10.0 | 0.55±0.05 | 散件 |
| DCF222M34Y5UG6BL0A0 | Y1 250~ | 2200  | ±20%     | Y5U (E) | 9.0  | 6.0 | 10.0 | 0.55±0.05 | 散件 |
| DCF222M34Y5UG6DL0A0 | Y1 250~ | 2200  | ±20%     | Y5U (E) | 9.0  | 6.0 | 10.0 | 0.55±0.05 | 散件 |
| DCF222M34Y5UG6UK0A0 | Y1 250~ | 2200  | ±20%     | Y5U (E) | 9.0  | 6.0 | 10.0 | 0.55±0.05 | 编带 |
| DCF222M34Y5UG6UL0A0 | Y1 250~ | 2200  | ±20%     | Y5U (E) | 9.0  | 6.0 | 10.0 | 0.55±0.05 | 编带 |
| DCF222M34Y5UG6UP0A0 | Y1 250~ | 2200  | ±20%     | Y5U (E) | 9.0  | 6.0 | 10.0 | 0.55±0.05 | 编带 |
| DCF222M34Y5UG6VL0A0 | Y1 250~ | 2200  | ±20%     | Y5U (E) | 9.0  | 6.0 | 10.0 | 0.55±0.05 | 编带 |
| DCF222M34Y5UG6WL0A0 | Y1 250~ | 2200  | ±20%     | Y5U (E) | 9.0  | 6.0 | 10.0 | 0.55±0.05 | 散件 |
| DCF222M34Y5UG6WP0A0 | Y1 250~ | 2200  | ±20%     | Y5U (E) | 9.0  | 6.0 | 10.0 | 0.55±0.05 | 散件 |
| DCF222M34Y5UGE4L0A0 | Y1 250~ | 2200  | ±20%     | Y5U (E) | 9.0  | 6.0 | 10.0 | 0.58±0.05 | 散件 |

|                      |         |      |      |         |      |     |      |           |    |
|----------------------|---------|------|------|---------|------|-----|------|-----------|----|
| DCF222M34Y5UGEVL0A0  | Y1 250~ | 2200 | ±20% | Y5U (E) | 9.0  | 6.0 | 10.0 | 0.58±0.05 | 编带 |
| DCF222M34Y5UGEWLOA0  | Y1 250~ | 2200 | ±20% | Y5U (E) | 9.0  | 6.0 | 10.0 | 0.58±0.05 | 散件 |
| DCF222M34Y5UQ66L7A0  | Y2 250~ | 2200 | ±20% | Y5U (E) | 9.0  | 5.0 | 7.5  | 0.55±0.05 | 散件 |
| DCF222M34Y5UQ6BL7A0  | Y2 250~ | 2200 | ±20% | Y5U (E) | 9.0  | 5.0 | 7.5  | 0.55±0.05 | 散件 |
| DCF222M34Y5UQ6JK7A0  | Y2 250~ | 2200 | ±20% | Y5U (E) | 9.0  | 5.0 | 7.5  | 0.55±0.05 | 散件 |
| DCF222M34Y5UQ6UP7A0  | Y2 250~ | 2200 | ±20% | Y5U (E) | 9.0  | 5.0 | 7.5  | 0.55±0.05 | 编带 |
| DCF222M34Y5UQ6VJ7A0  | Y2 250~ | 2200 | ±20% | Y5U (E) | 9.0  | 5.0 | 7.5  | 0.55±0.05 | 编带 |
| DCF222M34Y5UQEULO0A0 | Y2 250~ | 2200 | ±20% | Y5U (E) | 9.0  | 5.0 | 10.0 | 0.58±0.05 | 编带 |
| DCF222M34Y5UQEVK7A0  | Y2 250~ | 2200 | ±20% | Y5U (E) | 9.0  | 5.0 | 7.5  | 0.58±0.05 | 编带 |
| DCF222M34Y5UQEWK7A0  | Y2 250~ | 2200 | ±20% | Y5U (E) | 9.0  | 5.0 | 7.5  | 0.58±0.05 | 散件 |
| DCF222M34Y5UQEWL7A0  | Y2 250~ | 2200 | ±20% | Y5U (E) | 9.0  | 5.0 | 7.5  | 0.58±0.05 | 散件 |
| DCF222M34Y5VG60LOA2  | Y1 250~ | 2200 | ±20% | Y5V (F) | 9.0  | 6.0 | 10.0 | 0.55±0.05 | 散件 |
| DCF222M34Y5VG6JK0A0  | Y1 250~ | 2200 | ±20% | Y5V (F) | 9.0  | 6.0 | 10.0 | 0.55±0.05 | 散件 |
| DCF222M34Y5VG6UL0B8  | Y1 250~ | 2200 | ±20% | Y5V (F) | 9.0  | 6.0 | 10.0 | 0.55±0.05 | 编带 |
| DCF222M34Y5VG6VLOBU  | Y1 250~ | 2200 | ±20% | Y5V (F) | 9.0  | 6.0 | 10.0 | 0.55±0.05 | 编带 |
| DCF222M34Y5VG6WLOA2  | Y1 250~ | 2200 | ±20% | Y5V (F) | 9.0  | 6.0 | 10.0 | 0.55±0.05 | 散件 |
| DCF222M34Y5VGEULO0A0 | Y1 250~ | 2200 | ±20% | Y5V (F) | 9.0  | 6.0 | 10.0 | 0.58±0.05 | 编带 |
| DCF222M34Y5VGEUL0L0  | Y1 250~ | 2200 | ±20% | Y5V (F) | 9.0  | 6.0 | 10.0 | 0.58±0.05 | 编带 |
| DCF222M34Y5VQ6JL7A0  | Y2 250~ | 2200 | ±20% | Y5V (F) | 9.0  | 5.0 | 7.5  | 0.55±0.05 | 散件 |
| DCF222M36Y5UG6BL0A0  | Y1 250~ | 2200 | ±20% | Y5U (E) | 9.8  | 6.0 | 10.0 | 0.55±0.05 | 散件 |
| DCF222M36Y5UG6UP0CW  | Y1 250~ | 2200 | ±20% | Y5U (E) | 9.8  | 6.0 | 10.0 | 0.55±0.05 | 编带 |
| DCF222M36Y5UG7DK0A0  | Y1 250~ | 2200 | ±20% | Y5U (E) | 9.8  | 6.0 | 10.0 | 0.65±0.05 | 散件 |
| DCF222M36Y5UG7JK0AB  | Y1 250~ | 2200 | ±20% | Y5U (E) | 9.8  | 6.0 | 10.0 | 0.65±0.05 | 散件 |
| DCF222M36Y5UG7JL0AB  | Y1 250~ | 2200 | ±20% | Y5U (E) | 9.8  | 6.0 | 10.0 | 0.65±0.05 | 散件 |
| DCF222M36Y5UQ6BL7A0  | Y2 250~ | 2200 | ±20% | Y5U (E) | 9.8  | 5.0 | 7.5  | 0.55±0.05 | 散件 |
| DCF222M36Y5UQ6UL7A0  | Y2 250~ | 2200 | ±20% | Y5U (E) | 9.8  | 5.0 | 7.5  | 0.55±0.05 | 编带 |
| DCF222M36Y5UQ6VK7GK  | Y2 250~ | 2200 | ±20% | Y5U (E) | 9.8  | 5.0 | 7.5  | 0.55±0.05 | 编带 |
| DCF222M36Y5UQ6WL7A0  | Y2 250~ | 2200 | ±20% | Y5U (E) | 9.8  | 5.0 | 7.5  | 0.55±0.05 | 散件 |
| DCF222M39Y5UG6DWOA2  | Y1 250~ | 2200 | ±20% | Y5U (E) | 10.5 | 6.0 | 10.0 | 0.55±0.05 | 散件 |
| DCF222M39Y5UG6JK0A0  | Y1 250~ | 2200 | ±20% | Y5U (E) | 10.5 | 6.0 | 10.0 | 0.55±0.05 | 散件 |
| DCF222M39Y5UG6JL0A0  | Y1 250~ | 2200 | ±20% | Y5U (E) | 10.5 | 6.0 | 10.0 | 0.55±0.05 | 散件 |
| DCF222M39Y5UG6ULO0A0 | Y1 250~ | 2200 | ±20% | Y5U (E) | 10.5 | 6.0 | 10.0 | 0.55±0.05 | 编带 |
| DCF222M39Y5UG6WLOA0  | Y1 250~ | 2200 | ±20% | Y5U (E) | 10.5 | 6.0 | 10.0 | 0.55±0.05 | 散件 |
| DCF222M39Y5UG6WP0A0  | Y1 250~ | 2200 | ±20% | Y5U (E) | 10.5 | 6.0 | 10.0 | 0.55±0.05 | 散件 |
| DCF222M39Y5UG9VPAGB  | Y1 250~ | 2200 | ±20% | Y5U (E) | 10.5 | 6.0 | 10.0 | 0.58±0.05 | 编带 |
| DCF222M39Y5UQ6WP7A0  | Y2 250~ | 2200 | ±20% | Y5U (E) | 10.5 | 5.0 | 7.5  | 0.55±0.05 | 散件 |
| DCF222M46Y5UG6WP0AA  | Y1 250~ | 2200 | ±20% | Y5U (E) | 12.3 | 6.0 | 10.0 | 0.55±0.05 | 散件 |

|                      |         |      |      |        |      |     |      |           |    |
|----------------------|---------|------|------|--------|------|-----|------|-----------|----|
| DCF331K26Y5PG6JK0A0  | Y1 250~ | 330  | ±10% | Y5P(B) | 6.8  | 6.0 | 10.0 | 0.55±0.05 | 散件 |
| DCF331K26Y5PG6JPOA0  | Y1 250~ | 330  | ±10% | Y5P(B) | 6.8  | 6.0 | 10.0 | 0.55±0.05 | 散件 |
| DCF331K26Y5PG6VLAFK  | Y1 250~ | 330  | ±10% | Y5P(B) | 6.8  | 6.0 | 10.0 | 0.55±0.05 | 编带 |
| DCF331K30Y5PG63L0A0  | Y1 250~ | 330  | ±10% | Y5P(B) | 7.8  | 6.0 | 10.0 | 0.55±0.05 | 散件 |
| DCF331K30Y5PG6VK0BT  | Y1 250~ | 330  | ±10% | Y5P(B) | 7.8  | 6.0 | 10.0 | 0.55±0.05 | 编带 |
| DCF331K30Y5PG6VPAFVW | Y1 250~ | 330  | ±10% | Y5P(B) | 7.8  | 6.0 | 10.0 | 0.55±0.05 | 编带 |
| DCF331M26Y5UG6WLOA0  | Y1 250~ | 330  | ±20% | Y5U(E) | 6.8  | 6.0 | 10.0 | 0.55±0.05 | 散件 |
| DCF331M30Y5UG63P1A2  | Y1 250~ | 330  | ±20% | Y5U(E) | 7.8  | 6.0 | 10.5 | 0.55±0.05 | 散件 |
| DCF332M36Y5UQ6BL7A0  | Y2 250~ | 3300 | ±20% | Y5U(E) | 9.8  | 5.0 | 7.5  | 0.55±0.05 | 散件 |
| DCF332M36Y5UQ6JK7A0  | Y2 250~ | 3300 | ±20% | Y5U(E) | 9.8  | 5.0 | 7.5  | 0.55±0.05 | 散件 |
| DCF332M36Y5VQ6UP7A0  | Y2 250~ | 3300 | ±20% | Y5V(F) | 9.8  | 5.0 | 7.5  | 0.55±0.05 | 编带 |
| DCF332M36Y5VQ6VLOA0  | Y2 250~ | 3300 | ±20% | Y5V(F) | 9.8  | 5.0 | 10.0 | 0.55±0.05 | 编带 |
| DCF332M36Y5VQ6VL7A0  | Y2 250~ | 3300 | ±20% | Y5V(F) | 9.8  | 5.0 | 7.5  | 0.55±0.05 | 编带 |
| DCF332M36Y5VQ6WL7A2  | Y2 250~ | 3300 | ±20% | Y5V(F) | 9.8  | 5.0 | 7.5  | 0.55±0.05 | 散件 |
| DCF332M39Y5UG6BLOA0  | Y1 250~ | 3300 | ±20% | Y5U(E) | 10.5 | 6.0 | 10.0 | 0.55±0.05 | 散件 |
| DCF332M39Y5UG6JK0A0  | Y1 250~ | 3300 | ±20% | Y5U(E) | 10.5 | 6.0 | 10.0 | 0.55±0.05 | 散件 |
| DCF332M39Y5UG6WK0A0  | Y1 250~ | 3300 | ±20% | Y5U(E) | 10.5 | 6.0 | 10.0 | 0.55±0.05 | 散件 |
| DCF332M39Y5UG6WLOA0  | Y1 250~ | 3300 | ±20% | Y5U(E) | 10.5 | 6.0 | 10.0 | 0.55±0.05 | 散件 |
| DCF332M39Y5UG7JK0AB  | Y1 250~ | 3300 | ±20% | Y5U(E) | 10.5 | 6.0 | 10.0 | 0.65±0.05 | 散件 |
| DCF332M46Y5UQ60L7AA  | Y2 250~ | 3300 | ±20% | Y5U(E) | 12.3 | 5.0 | 7.5  | 0.55±0.05 | 散件 |
| DCF332M46Y5UQ6WP7A0  | Y2 250~ | 3300 | ±20% | Y5U(E) | 12.3 | 5.0 | 7.5  | 0.55±0.05 | 散件 |
| DCF470K26Y5PG6ALOA0  | Y1 250~ | 47   | ±10% | Y5P(B) | 6.8  | 6.0 | 10.0 | 0.55±0.05 | 散件 |
| DCF470K30SL G6VK0BT  | Y1 250~ | 47   | ±10% | SL     | 7.8  | 6.0 | 10.0 | 0.55±0.05 | 编带 |
| DCF471K26Y5PG6BLOA0  | Y1 250~ | 470  | ±10% | Y5P(B) | 6.8  | 6.0 | 10.0 | 0.55±0.05 | 散件 |
| DCF471K26Y5PG6VLOA0  | Y1 250~ | 470  | ±10% | Y5P(B) | 6.8  | 6.0 | 10.0 | 0.55±0.05 | 编带 |
| DCF471K26Y5PG6WLOA0  | Y1 250~ | 470  | ±10% | Y5P(B) | 6.8  | 6.0 | 10.0 | 0.55±0.05 | 散件 |
| DCF471K26Y5PQ6VL7A0  | Y2 250~ | 470  | ±10% | Y5P(B) | 6.8  | 5.0 | 7.5  | 0.55±0.05 | 编带 |
| DCF471K30Y5PQ6BL7A0  | Y2 250~ | 470  | ±10% | Y5P(B) | 7.8  | 5.0 | 7.5  | 0.55±0.05 | 散件 |
| DCF471K30Y5PQ6VK7A0  | Y2 250~ | 470  | ±10% | Y5P(B) | 7.8  | 5.0 | 7.5  | 0.55±0.05 | 编带 |
| DCF471K30Y5PQ6VL7A6  | Y2 250~ | 470  | ±10% | Y5P(B) | 7.8  | 5.0 | 7.5  | 0.58±0.05 | 编带 |
| DCF471K34Y5PG62P0A0  | Y1 250~ | 470  | ±10% | Y5P(B) | 9.0  | 6.0 | 10.0 | 0.55±0.05 | 散件 |
| DCF471K34Y5PG6JK0A0  | Y1 250~ | 470  | ±10% | Y5P(B) | 9.0  | 6.0 | 10.0 | 0.55±0.05 | 散件 |
| DCF471K34Y5PG6ULOA0  | Y1 250~ | 470  | ±10% | Y5P(B) | 9.0  | 6.0 | 10.0 | 0.55±0.05 | 编带 |
| DCF471K34Y5PG6UP0A0  | Y1 250~ | 470  | ±10% | Y5P(B) | 9.0  | 6.0 | 10.0 | 0.55±0.05 | 编带 |
| DCF471K34Y5PG6VK0A0  | Y1 250~ | 470  | ±10% | Y5P(B) | 9.0  | 6.0 | 10.0 | 0.55±0.05 | 编带 |
| DCF471K34Y5PG6WLOA0  | Y1 250~ | 470  | ±10% | Y5P(B) | 9.0  | 6.0 | 10.0 | 0.55±0.05 | 散件 |
| DCF471K34Y5PGEVL0L0  | Y1 250~ | 470  | ±10% | Y5P(B) | 9.0  | 6.0 | 10.0 | 0.58±0.05 | 编带 |

|                     |         |      |      |        |      |     |      |           |    |
|---------------------|---------|------|------|--------|------|-----|------|-----------|----|
| DCF471M26Y5UG6BLOA0 | Y1 250~ | 470  | ±20% | Y5U(E) | 6.8  | 6.0 | 10.0 | 0.55±0.05 | 散件 |
| DCF471M26Y5UG6JKOA0 | Y1 250~ | 470  | ±20% | Y5U(E) | 6.8  | 6.0 | 10.0 | 0.55±0.05 | 散件 |
| DCF471M26Y5UG6VLAGA | Y1 250~ | 470  | ±20% | Y5U(E) | 6.8  | 6.0 | 10.0 | 0.55±0.05 | 编带 |
| DCF471M26Y5UG6WLOA0 | Y1 250~ | 470  | ±20% | Y5U(E) | 6.8  | 6.0 | 10.0 | 0.55±0.05 | 散件 |
| DCF471M34Y5UG6WPOA0 | Y1 250~ | 470  | ±20% | Y5U(E) | 9.0  | 6.0 | 10.0 | 0.55±0.05 | 散件 |
| DCF472M39Y5UQ6BL7A0 | Y2 250~ | 4700 | ±20% | Y5U(E) | 10.5 | 5.0 | 7.5  | 0.55±0.05 | 散件 |
| DCF472M39Y5UQ6JK7A0 | Y2 250~ | 4700 | ±20% | Y5U(E) | 10.5 | 5.0 | 7.5  | 0.55±0.05 | 散件 |
| DCF472M39Y5UQ6UL7A0 | Y2 250~ | 4700 | ±20% | Y5U(E) | 10.5 | 5.0 | 7.5  | 0.55±0.05 | 编带 |
| DCF472M39Y5UQ6VL7BU | Y2 250~ | 4700 | ±20% | Y5U(E) | 10.5 | 5.0 | 7.5  | 0.55±0.05 | 编带 |
| DCF472M39Y5UQ6WK7A0 | Y2 250~ | 4700 | ±20% | Y5U(E) | 10.5 | 5.0 | 7.5  | 0.55±0.05 | 散件 |
| DCF472M39Y5UQ6WL7A0 | Y2 250~ | 4700 | ±20% | Y5U(E) | 10.5 | 5.0 | 7.5  | 0.55±0.05 | 散件 |
| DCF472M39Y5UQ6WP7A0 | Y2 250~ | 4700 | ±20% | Y5U(E) | 10.5 | 5.0 | 7.5  | 0.55±0.05 | 散件 |
| DCF472M39Y5VQ6BLOA0 | Y2 250~ | 4700 | ±20% | Y5V(F) | 10.5 | 5.0 | 10.0 | 0.55±0.05 | 散件 |
| DCF472M39Y5VQ6JK7A0 | Y2 250~ | 4700 | ±20% | Y5V(F) | 10.5 | 5.0 | 7.5  | 0.55±0.05 | 散件 |
| DCF472M39Y5VQ6JL7A0 | Y2 250~ | 4700 | ±20% | Y5V(F) | 10.5 | 5.0 | 7.5  | 0.55±0.05 | 散件 |
| DCF472M46Y5UG6BLOA0 | Y1 250~ | 4700 | ±20% | Y5U(E) | 12.3 | 6.0 | 10.0 | 0.55±0.05 | 散件 |
| DCF472M46Y5UG6JLOA0 | Y1 250~ | 4700 | ±20% | Y5U(E) | 12.3 | 6.0 | 10.0 | 0.55±0.05 | 散件 |
| DCF472M46Y5VG6BLOLO | Y1 250~ | 4700 | ±20% | Y5V(F) | 12.3 | 6.0 | 10.0 | 0.55±0.05 | 散件 |
| DCF472M46Y5VG6ULOBU | Y1 250~ | 4700 | ±20% | Y5V(F) | 12.3 | 6.0 | 10.0 | 0.55±0.05 | 编带 |
| DCF472M46Y5VG6VLOLO | Y1 250~ | 4700 | ±20% | Y5V(F) | 12.3 | 6.0 | 10.0 | 0.55±0.05 | 编带 |
| DCF472M46Y5VG6WLOA0 | Y1 250~ | 4700 | ±20% | Y5V(F) | 12.3 | 6.0 | 10.0 | 0.55±0.05 | 散件 |
| DCF472M46Y5VGCWLOLO | Y1 250~ | 4700 | ±20% | Y5V(F) | 12.3 | 6.0 | 10.0 | 0.65±0.05 | 散件 |
| DCF472M53Y5UQ69L7A0 | Y2 250~ | 4700 | ±20% | Y5U(E) | 14.0 | 5.0 | 7.5  | 0.55±0.05 | 散件 |
| DCF472M56Y5UG6WLOA0 | Y1 250~ | 4700 | ±20% | Y5U(E) | 14.7 | 6.0 | 10.0 | 0.55±0.05 | 散件 |
| DCF472M56Y5UG6WPOA0 | Y1 250~ | 4700 | ±20% | Y5U(E) | 14.7 | 6.0 | 10.0 | 0.55±0.05 | 散件 |
| DCF680K24Y5PG5LL9CV | Y1 250~ | 68   | ±10% | Y5P(B) | 6.0  | 6.0 | 9.0  | 0.48±0.05 | 散件 |
| DCF681K30Y5UG6JP0A0 | Y1 250~ | 680  | ±10% | Y5U(E) | 7.8  | 6.0 | 10.0 | 0.55±0.05 | 散件 |
| DCF681K30Y5UG9VPAGB | Y1 250~ | 680  | ±10% | Y5U(E) | 7.8  | 6.0 | 10.0 | 0.58±0.05 | 编带 |
| DCF681K36Y5PG6BLOA0 | Y1 250~ | 680  | ±10% | Y5P(B) | 9.8  | 6.0 | 10.0 | 0.55±0.05 | 散件 |
| DCF681K36Y5PG6JKOA0 | Y1 250~ | 680  | ±10% | Y5P(B) | 9.8  | 6.0 | 10.0 | 0.55±0.05 | 散件 |
| DCF681K36Y5PG6WLOA0 | Y1 250~ | 680  | ±10% | Y5P(B) | 9.8  | 6.0 | 10.0 | 0.55±0.05 | 散件 |
| DCF681K36Y5PGEULOAO | Y1 250~ | 680  | ±10% | Y5P(B) | 9.8  | 6.0 | 10.0 | 0.58±0.05 | 编带 |
| DCF681M30Y5UG63LOA0 | Y1 250~ | 680  | ±20% | Y5U(E) | 7.8  | 6.0 | 10.0 | 0.55±0.05 | 散件 |
| DCF681M30Y5UG6JKOA0 | Y1 250~ | 680  | ±20% | Y5U(E) | 7.8  | 6.0 | 10.0 | 0.55±0.05 | 散件 |
| DCF681M30Y5UG6UKOA0 | Y1 250~ | 680  | ±20% | Y5U(E) | 7.8  | 6.0 | 10.0 | 0.55±0.05 | 编带 |

## 电性能指标 Electrical Performance

| 序号<br>No. | 项目名称 Item                             |       | 技术要求 Specification      |                                |
|-----------|---------------------------------------|-------|-------------------------|--------------------------------|
| 1         | 容量和误差 C                               |       | @25°C, 1 kHz and 1 Vrms | 参照规格表<br>See the specification |
| 2         | 损耗系数 DF                               |       | @25°C, 1 kHz and 1 Vrms | 2.5% max.                      |
| 3         | 绝缘电阻 IR                               |       | @500 VDC, 60S           | 10000MΩ <sub>min</sub>         |
| 4         | 耐电压<br>Rate<br>Voltage                | X1/Y2 | 2600Vrms                | 无击穿或飞弧。<br>No visible damage   |
|           |                                       | X1/Y1 | 2500Vrms                |                                |
| 5         | 温度特性<br>temperature<br>characteristic | Y5P   |                         | ±10%                           |
|           |                                       | Y5U   |                         | +22% to -56%                   |
|           |                                       | Y5V   |                         | +22% to -82%                   |

## 标志 Marking

例如 e.g

| Y1 电容器  |  |
|---|--|
| 正面  | 反面   |
|  |  |

| Y2 电容器  |  |
|---|--|
| 正面  | 反面   |
|  |  |



## TAPING STYLE V



| Symbol    | Dimension(mm)                   |
|-----------|---------------------------------|
| <b>P0</b> | <b>15.0±0.2</b>                 |
| <b>P</b>  | <b>15.0±1.0</b>                 |
| <b>F</b>  | <b>10.0±0.5</b>                 |
| <b>P1</b> |                                 |
| <b>P2</b> |                                 |
| <b>H0</b> | <b>16.0±0.5*1</b>               |
| <b>H</b>  | <b>20.0±0.5*2</b>               |
| <b>W</b>  | <b>18.0±0.5</b>                 |
| <b>W0</b> | <b>8.0min.</b>                  |
| <b>W1</b> | <b>9.0±0.3</b>                  |
| <b>W2</b> | <b>3.0max.</b>                  |
| <b>t</b>  | <b>0.7±0.2</b>                  |
| <b>D</b>  | To comply with individual sheet |
| <b>D0</b> | <b>4±0.2</b>                    |
| <b>d</b>  | To comply with individual sheet |
| <b>l</b>  | <b>2.0max.</b>                  |
| <b>T</b>  | To comply with individual sheet |
| <b>ΔS</b> | <b>1.0 max.</b>                 |
| <b>Δh</b> | <b>1.0 max.</b>                 |

1. \*1 打弯脚型以H0为准。

For kink lead only.

2. \*2 直脚产品以H为准。

For straight lead only.

**Figure 3**

# TAPING STYLE U



| Symbol     | Dimension(mm)                   |
|------------|---------------------------------|
| <b>P0</b>  | <b>12.7±0.2</b>                 |
| <b>P</b>   | <b>25.4±1.0</b>                 |
| <b>F</b>   | <b>10.0±0.5</b>                 |
| <b>P1</b>  | <b>7.7±0.4</b>                  |
| <b>P2</b>  |                                 |
| <b>H0</b>  | <b>16.0±0.5*1</b>               |
| <b>H</b>   | <b>20.0±0.5*2</b>               |
| <b>W</b>   | <b>18.0±0.5</b>                 |
| <b>W0</b>  | <b>8.0min.</b>                  |
| <b>W1</b>  | <b>9.0±0.3</b>                  |
| <b>W2</b>  | <b>3.0max.</b>                  |
| <b>t</b>   | <b>0.7±0.2</b>                  |
| <b>D</b>   | To comply with individual sheet |
| <b>D0</b>  | <b>4±0.2</b>                    |
| <b>d</b>   | To comply with individual sheet |
| <b>l</b>   | <b>2.0max.</b>                  |
| <b>T</b>   | To comply with individual sheet |
| <b>Δ S</b> | <b>1.0 max.</b>                 |
| <b>Δ h</b> | <b>1.0 max.</b>                 |

1. \*1 打弯脚型以H0为准。

For kink lead only.

2. \*2 直脚产品以H为准。

For straight lead only.

Figure 6

## X-ON Electronics

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[MP2684K32D6T8LC](#) [ST3Y1Y5U332M500VAC](#) [ST3Y1Y5V472M500VAC](#) [MP2474K32D4X8LC](#) [MP2474K32D4J8LC](#)  
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