

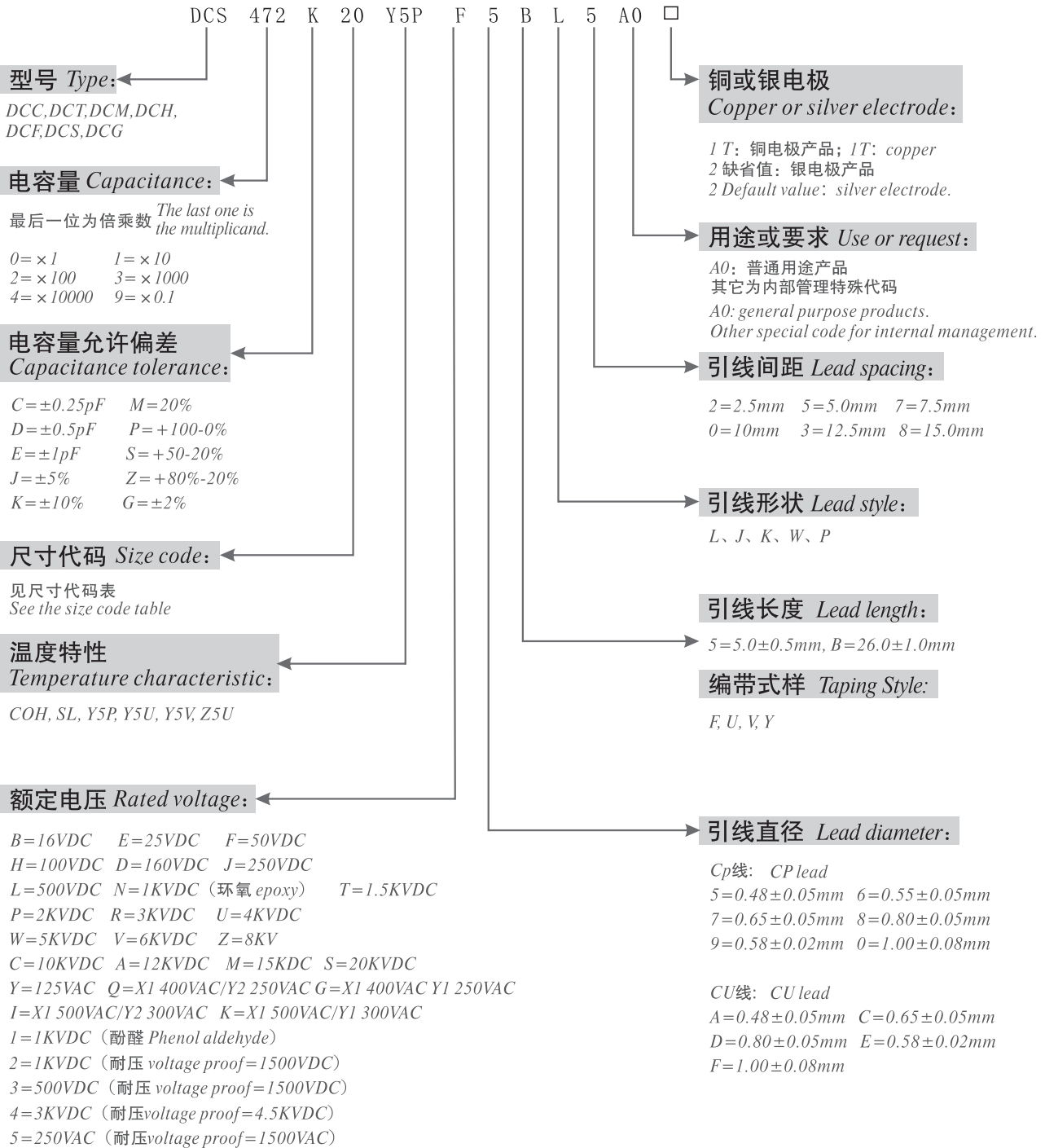


# 瓷介电容器

## ISC CERAMIC CAPACITORS

### 瓷介电容器代码

### CODES OF DISC CERAMIC CAPACITORS



# D

## 瓷介电容器 ISC CERAMIC CAPACITORS

### DCS 型半导体瓷介电容器 ( III ) 类 TYPE DCS SEMI-CONDUCTIVE DISC CERAMIC CAPACITORS ( CLASS III )

DCS 型半导体瓷介电容器的陶瓷芯片属于表面层半导体结构，其电容器具有大容量、小体积等特点，适用于滤波、旁路、耦合等电路中。

*This disc ceramic capacitors belong to surface layer semi-conductive construction, have characteristics such as higher capacitance, small size etc., They are best suited for use in filter circuit, bypass circuit and coupling circuit etc..*

#### 适用的标准 *Standard of application*

GB11307 CS1 型固定瓷介电容器  
GB11307 Detailed specification for electronic components fixed ceramic dielectric capacitors type CS1.

#### 技术指标 *Specification*

| No | 名称 Item   | 技术要求 Specification   |
|----|---|--|
| 1  | 使用温度范围 Operating temperature  | -25 ~ 85°C   |
| 2  | 电容量 ( $C_R$ ) 和介质损耗测试条件<br>Capacitance ( $C_R$ ) and dissipation factor testing condition | 25°C, 0.1Vrms, 1KHZ  |
| 3  | 介质损耗 Dissipation factor ( $tg \delta$ )   | 16: $tg \delta \leq 7\%$<br>25V、50V: $tg \delta \leq 3.5\%$ (Y5P), $tg \delta \leq 5\%$ (Y5U、Y5V)                  |
| 4  | 额定电压 Rated voltage ( $U_R$ )  | 16、25、50VDC  |
| 5  | 耐电压 Voltage roof  | $1.5U_R$   |
| 6  | 绝缘电阻 Insulation resistance (IR)   | 在额定电压下测试 At rated voltage,<br>16V: $IR \geq 100M\Omega$ ; 25V: $IR \geq 250M\Omega$ ; 50V: $IR \geq 1000M\Omega$ ; |
| 7  | 温度特性 Temperature characteristic   | Y5P、Y5U、Y5V  |

