

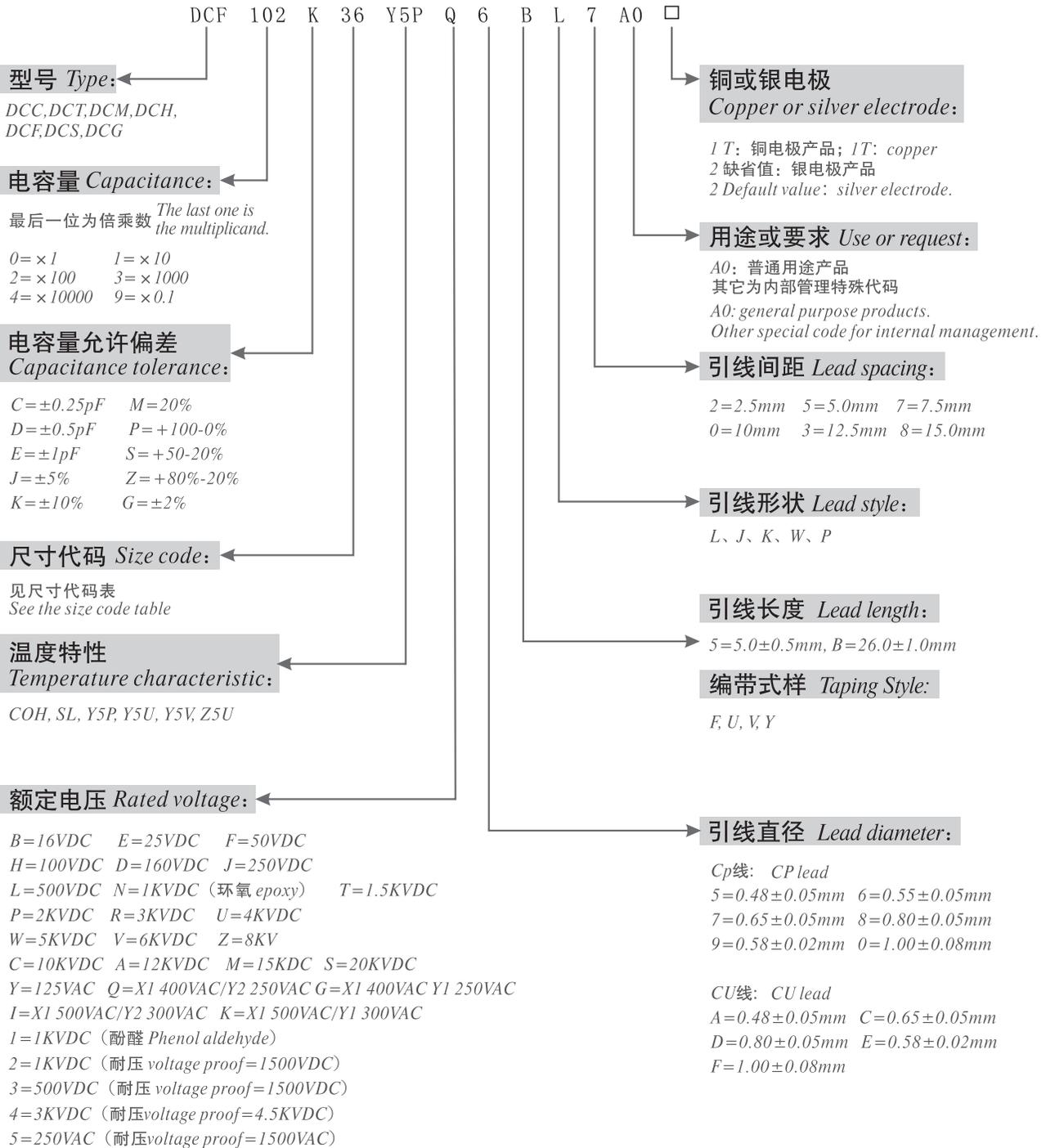


# 瓷介电容器

## ISC CERAMIC CAPACITORS

### 瓷介电容器代码

### CODES OF DISC CERAMIC CAPACITORS





### DCF 型安规瓷介电容器

#### TYPE DCF AC DISC CERAMIC CAPACITORS

安规瓷介电容器具有高介电系数的陶瓷介质和阻燃的环氧树脂封装，适用于电子设备的电源电路噪声抑制电路中，也可用作天线耦合跨接和旁路电路中。

The AC disc ceramic capacitors have dielectric ceramics with high dielectric coefficient and encapsulation of flame retardant epoxy resin. These capacitors are used in noise suppression circuit of power supply circuit for general electronic equipments, and may be used as antenna coupling, crossing and bypass circuit.

#### 适用的标准 *Standard of application*

GB/T14472 抑制电源电磁干扰用固定电容器

GB/T14472 Fixed capacitors for electromagnetic interference suppression and connection to the supply mains

#### 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 ; (-25 ~ 125°C) ; (Z5U:10 ~ 85°C) ; (Z5U:10 ~ 125°C)			
2	电容量 ( $C_R$ ) 和介质损耗测试条件 Capacitance ( $C_R$ ) and dissipation factor testing condition		25°C, 1Vrms, 1KHz			
3	介质损耗 Dissipation factor ( $\text{tg } \delta$ )		$\text{tg } \delta \leq 2.5\%$			
4	等级 Subclass	X1, Y1, Y2	系列代码 (Series codes)	5	Q	G
5	额定电压 Rated voltage ( $U_R$ )	250, 400VAC	等级 Subclass	Y2	X1/Y2	X1/Y1
6	耐电压 Voltage proof	1500VAC, 2500VAC, 4000VAC	额定电压 Rated voltage (VAC)	250	X1:40 Y2:250	X1:400 Y1:250
			耐电压 Voltage proof (VAC)	1500	2500	4000
7	绝缘电阻 Insulation resistance ( $R_j$ )	$R_j \geq 10000M \Omega$ (500VDC)				
8	温度特性 Temperature characteristic	Y5P、Y5U、Z5U、Y5V				
9	阻燃环氧树脂 Flame retardant epoxy resin	UL94-0				

#### 认证标准和证书 *Recognized standards and certificate*

认证机构 Recognized bodies	认证标准 Recognized standard	证书编号 Certificate series numbers	认证机构 Recognized bodies	认证标准 Recognized standard	证书编号 Certificate series numbers
UL	UL60384-14	E154899	NEMKO	EN60384-14	P10213473/A1
CSA	CAN/CSA-E60384-14	2405436 2405437	DEMKO	EN60384-14	D-03468
VDE	IEC 60384-14	40036393 40036246	FIMKO	IEC 60384-14	28805
SEMKO	EN60384-14	1412855	SEV	IEC 60384-14	13.0076
KTC	K60384-14	HU03004-10003C HU03004-10004C HU03004-10005C HU03004-2001B HU03004-2002B	CQC	IEC60384-14	CQC03001003160 CQC15001124387