

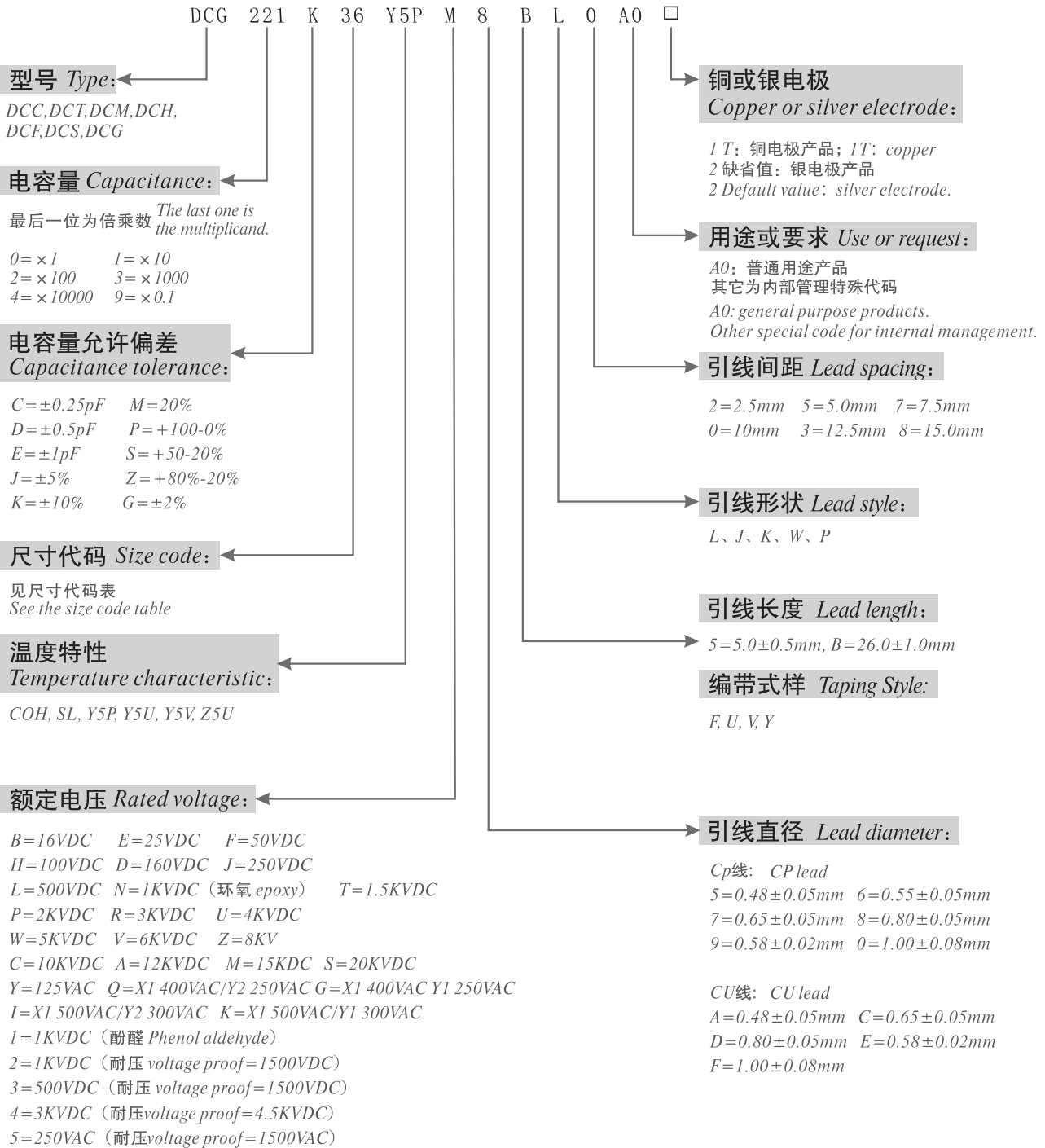


瓷介电容器

ISC CERAMIC CAPACITORS

瓷介电容器代码

CODES OF DISC CERAMIC CAPACITORS



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瓷介电容器

ISC CERAMIC CAPACITORS

DCG 型超高压瓷介电容器

TYPE DCG ULTRA HIGH VOLTAGE DISC CERAMIC CAPACITORS

DCG型超高压瓷介电容器具有较宽的直流额定电压范围和宽的电容容量范围，适用于高压电源的滤波电路、电视机和显示器的高压电路中。

Type DCG ultra high voltage disc ceramic capacitors have high rated voltage, often used in filter circuit for high voltage supply and in high voltage circuit for TV set and monitor.

适用的标准 *Standard of application*

Q/SHM 04 DCG 型高压陶瓷电容器

Q/SHM 04 Detailed specification for electronic components high voltage disc ceramic capacitors type DCG

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)
2	电容容量 (C_R) 和介质损耗测试条件/品质因数测试条件 Capacitance (C_R) and dissipation factor /quality factor testing condition	25°C, 1Vrms, 1MHz (I类 Class I) 1KHz (II类 Class II)
3	介质损耗 ($\text{tg } \delta$) / 品质因数 (Q) Dissipation factor ($\text{tg } \delta$) / quality factor (Q)	Y5P (普通型 Ordinary)、Y5U、Z5U、Y5V: $\text{tg } \delta \leq 2.0\%$ Y5P (低损耗型 Low dissipation type): $\text{tg } \delta \leq 0.5\%$ SL: $C_R < 30\text{pF}$, $Q \geq 400 + 20C_R$; $C_R \geq 30\text{pF}$, $Q \geq 1000$
4	额定电压 Rated voltage (U_R)	4 ~ 15KV
5	耐电压 Voltage roof	1.5 U_R
6	绝缘电阻 Insulation resistance (IR)	IR $\geq 10000M\Omega$ (500VDC)
7	温度特性 Temperature characteristic	SL、Y5P、Y5U、Y5V

*注：25°C下，施加1.5倍额定电压1-5S无击穿或飞弧。对于额定电压6-15KV的电容器，耐压试验在绝缘油中进行。

*Note: AT 25°C 1.5 time the rated voltage imposed by 1-5S without breakdown or flashover. For 3-15KV rated voltage of the capacitor voltage tests carried out in the insulating oil.

