

独石瓷介电容器

Radial direction lead monolithic ceramic capacitors

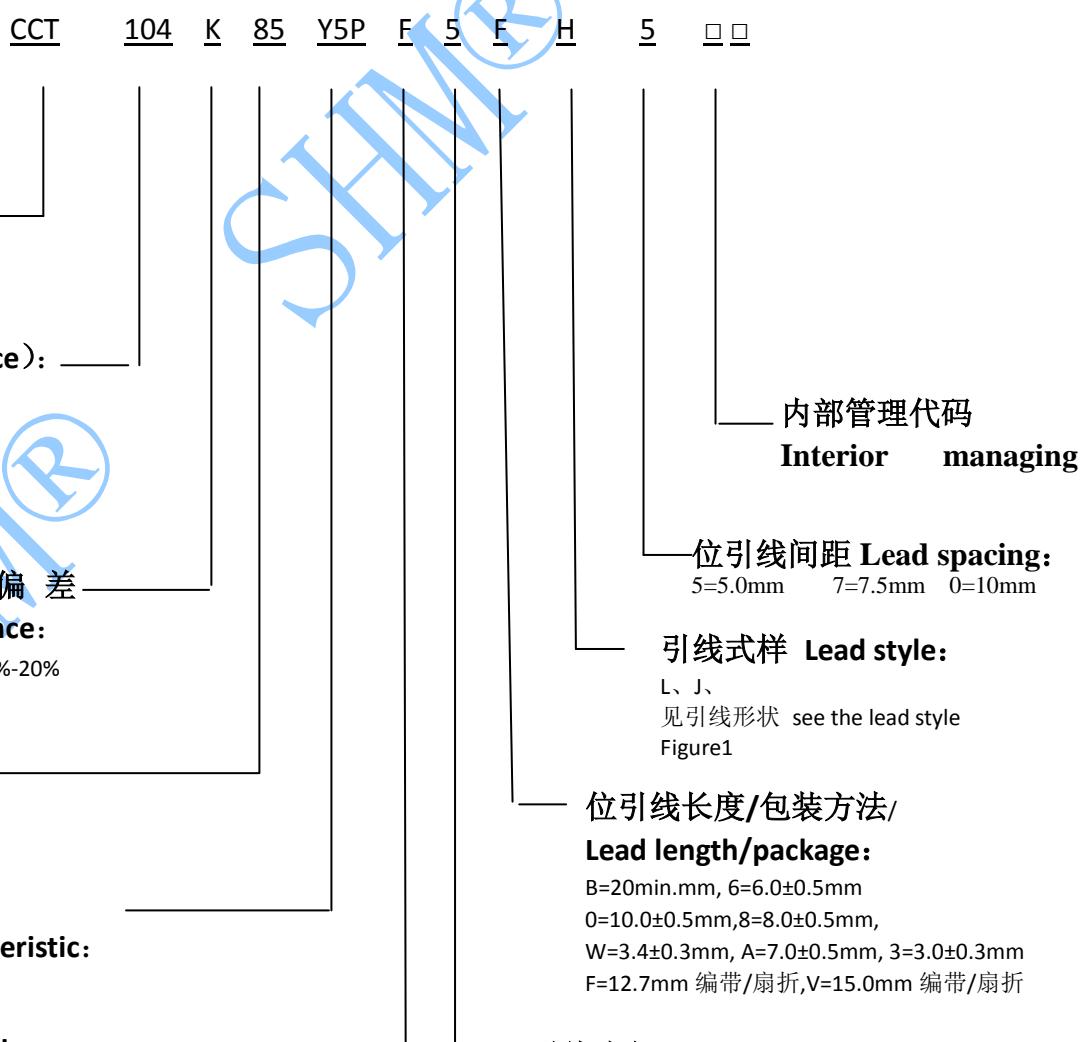
特性 Feature

- 容量范围 Wide capacitance range from 10pF to 10uF
- 工作温度 Operating Temperature: -40°C ~ 125°C
- 存储温度 Storage Temperature: -10°C ~ 40°C

应用 Applications

小型、超小型电子设备（如液晶手表和微型仪器）。□
Small, ultra-small electronic devices (such as liquid crystal watches and micro-devices).
电子精密仪器。□
Electronic precision instruments
主要用在电子整机中的隔直、振荡、耦合、滤波、旁路等电路中。
Mainly used in the circuit of bypass, filter, coupling etc.

产品型号 Part Number



脚型 Lead style

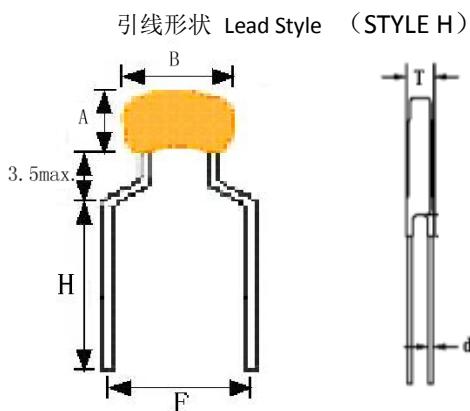


figure 1

规格 Specification

SHM 产品代码 SHM Part No.	额定电 压 Rated voltage (KV)	标称容 量 Nominal capacitance (pF)	电容量允 许偏差范 围 Tolerance (%)	温度特性 Temperature Characteristic	产品尺寸(mm)				
					长宽 Length and Width BxA max(mm)	厚度 Tmax (mm)	引线 间距 F(mm)	引线直径 d (mm)	散件 / 编带
CCT103K85X7RF5WH5A0	50	10000	±10%	X7R	4.2×3.8	3.8	5.0	0.48±0.05	散件
CCT103K85X7RH5WH5A0	100	10000	±10%	X7R	4.2×3.8	3.8	5.0	0.48±0.05	散件
CCT104K85X7RF5FH5A0	50	100000	±10%	X7R	4.2×3.8	3.8	5.0	0.48±0.05	编带
CCT104KC6X7RF50H5A0	50	100000	±10%	X7R	5.0×4.5	3.8	5.0	0.48±0.05	散件
CCT104KC6X7RF5FH5A0	50	100000	±10%	X7R	5.0×4.5	3.8	5.0	0.48±0.05	编带
CCT105KC6X7RF5FH5A0	50	1000000	±10%	X7R	5.0×4.5	3.8	5.0	0.48±0.05	编带
CCT471K85X7RF5FH5A0	50	470	±10%	X7R	4.2×3.8	3.8	5.0	0.48±0.05	编带
CCT472KC6X7RF50H5A0	50	4700	±10%	X7R	5.0×4.5	3.8	5.0	0.48±0.05	散件
CCT681K85X7RF5WH5A0	50	680	±10%	X7R	4.2×3.8	3.8	5.0	0.48±0.05	散件

电性能指标 Electrical Performance

序号 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 See the specification
2	损耗系数 DF	@25°C, 1 kHz and 1 Vrms	5.0% max.
3	绝缘电阻 IR	@额定电压 VDC, 60S	C≤25F IR≥4000MΩ C>25F RC≥100ΩF
4	耐电压 Rate Voltage	50VDC	250%额定电压 无击穿或飞弧。 No visible damage
		100VDC	
5	温度特性 temperature characteristic		
		X7R	±15%

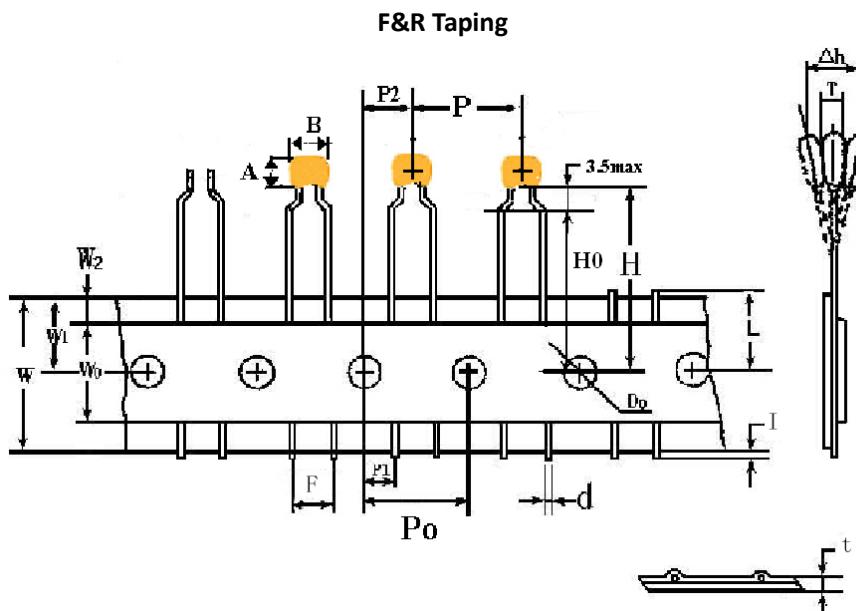
标志 Marking

例如 e.g

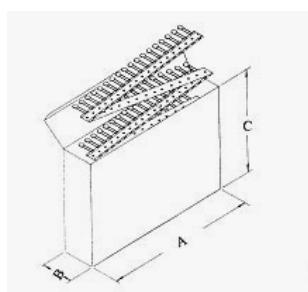
正面 Front	● 104	● 10	● 0.5
反面 Back	空白 Blank	空白 Blank	空白 Blank

编带样式 Taping style

F 式样编带和包装 F style Taping and Packing:



编带的包装式样 Taped packing style



卷带包装 Reel packing 盒带包装 Ammo packing

A	C	B
340 max	280 max	52 max

备注: F 是盒带包装,

Note: F is Ammo packing and

Symbol	Dimensions
P0	12.7±0.2mm
P	12.7±1.0mm
F	5.0±0.5mm
P1	3.85±0.4mm
P2	6.35±0.4mm
H	20±0.5mm (仅供参考 For reference only)
H0	18±0.5mm
W	18±0.5mm
W0	8.0min
W1	9±0.3mm
W2	3Max
t	0.7±0.2mm
B	To comply with individual sheet
A	To comply with individual sheet
D0	4.0±0.2mm
d	To comply with individual sheet
I	2.0max
T	To comply with individual sheet
Δh	1max

figure 2