

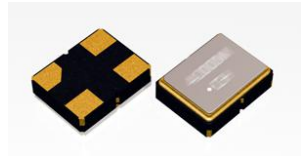
SCO22系列/SCO22 Series

CHSCO22-16.000M3B2-1T

(料号参考下页选型指南)

Pb Free

RoHS Compliant
2002/95/EC



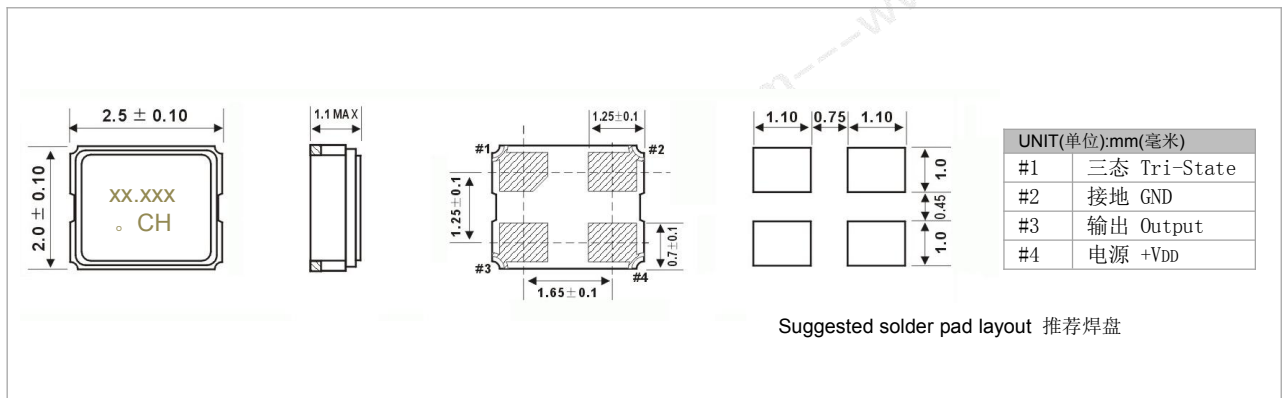
※ 应用及特点 Application & Features

- 显卡, 主板(VGA card, Main board)
- 无线局域网, 光纤/10Gbit 以太网 (WLAN, Fiber/10Gbit Ethernet)
- 电脑, 及各类便携电子产品 PDA,DSC (Notebook,PDA,DSC)
- 金属封装尺寸: Metal Package 2.5×2.0×1.1 mm

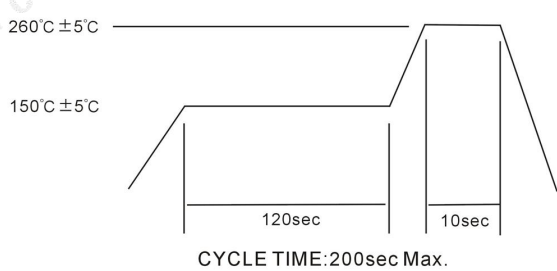
※ 电气参数 Electrical Specification

项目 Item	条件 condition	参数 Parameter		
频率范围 Frequency Range	F ₀	1~200MHz	1~166MHz	1~133MHz
调整频差 Frequency Tolerance	ALL	Table2		
温度频差 Frequency Drift	ALL	Table2		
工作温度 Operating Temperature Range (T _{OPR})	ALL	-10~+60 to -40~+85 °C		
储存温度 Storage Temperature Range (T _{STG})	ALL	-40~+85 °C / -55~+125 °C		
工作电压 Power supply Voltage	V _{DD}	3.3V	2.5V	1.8V
输入电流 Supply Current	I _{DD}	1~30MHz	10mA Max	8mA Max
		30~75MHz	15mA Max	10mA Max
		75~133MHz	20mA Max	15mA Max
		133~166MHz	22mA Max	15mA Max
		166~200MHz	25mA Max	-
输出负载 Output Load		15PF		
输出波形 Output Wave		COMS		
输出对称性 Output Symmetry	S _{YM}	1.4V or 1/2V _{DD}	45%~55%	
上升时间 Rise Time / 下降时间 Fall Time	T _r /T _f	10nS Max		
抖动 Jitter		5.0pS Max		
开始上升时间 Start-up Time	T _s	10ms Max		
输出电压 Output Voltage (高电平)	V _{OH}	90% V _{DD}		
输出电压 Output Voltage (低电平)	V _{OL}	10% V _{DD}		
老化率 Aging (First Year)	25 °C ±3°C	±5ppm/year Max		
Pin1 三态控制功能		Pin1=H 在 3 脚激励输出 Pin1=H or open... Output active at pin3		
		Pin1=L 在 3 脚为高阻抗 Pin1=L or open... high impedance at pin3		

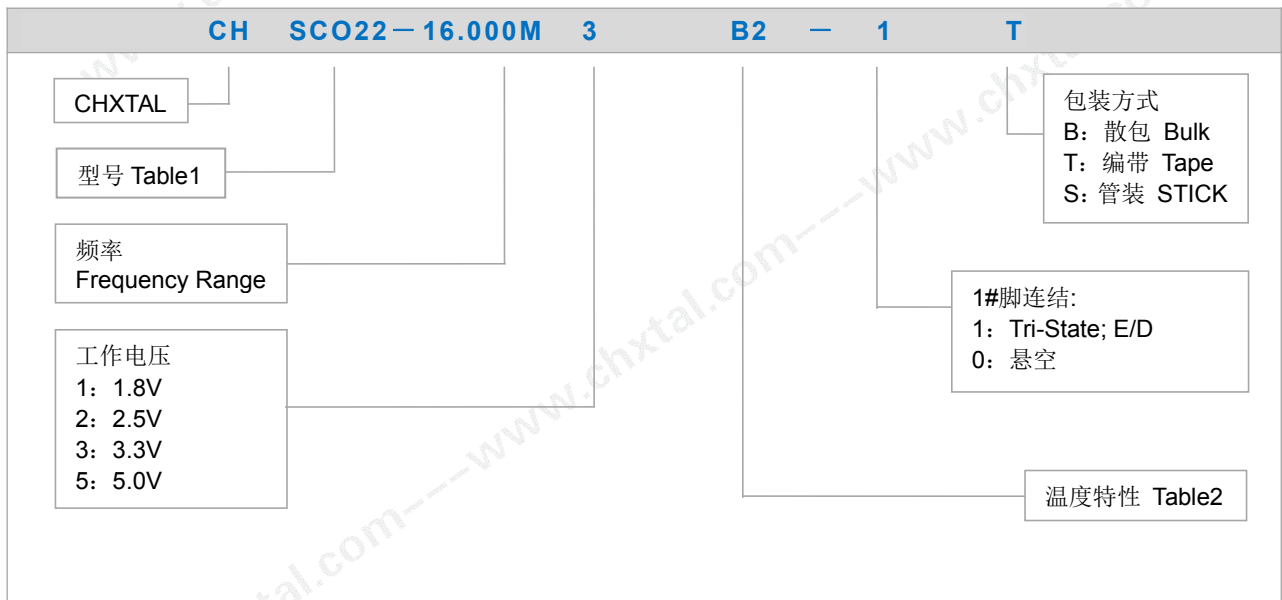
※ 外形尺寸及印字 Mechanical Dimensions and Marking



※ 应用环境标准 Environmental /Mechanical SPEC

项目 Item	参数 Parameter	回流焊条件 Reflow Condition
耐冲击性 Shock Resistance	跌落测试:75cm 高度,跌落三次至硬木板 Drop from Height 75cm to hard wooded board 3 times	 <p>CYCLE TIME:200sec Max.</p>
焊接条件 Solder Condition	引线焊接时,烙铁最高温度 260 度, 焊接时间最长 10 秒 Lead wire should be soldered with 10S with the iron heated to a tip temperature 260°C (Max)	

※ 选型指南 Part Number Guide



※ Table1 型号/Type

A	B	C	D	E	F	G	H		
SCO22	SCO32	SCO53	SCO75	DCOHS	DCOFS				

※ Table2 温度特性及频差/Frequency stability at Temperature Range

温度特性及频差 Frequency stability @Temperature Range							
	Temp (°C)	-10~60	-20~70	-40~85	-40~105	-40~125	-55~125
Stability (ppm)		A	B	C	D	E	F
±20	1	*	*				
±25	2	*	*	*			
±50	3	*	*	*			
±100	4	*	*	*			