

M49SX系列/M49SX Series

CHM49SX-XX.XXXMXXXBX-IT

(料号参考下页选型指南)

Pb Free RoHS Compliant 2002/95/EC



※ 应用及特点 Application & Features

- 电脑、网卡、通讯 Computer, Modem, Communications
- 蓝牙、无线 Bluetooth, Wireless
- 自动控制设备及其它 Automotive Equipment at Other
- 金属封装尺寸: 7.0×4.0×2.0mm Metal Package

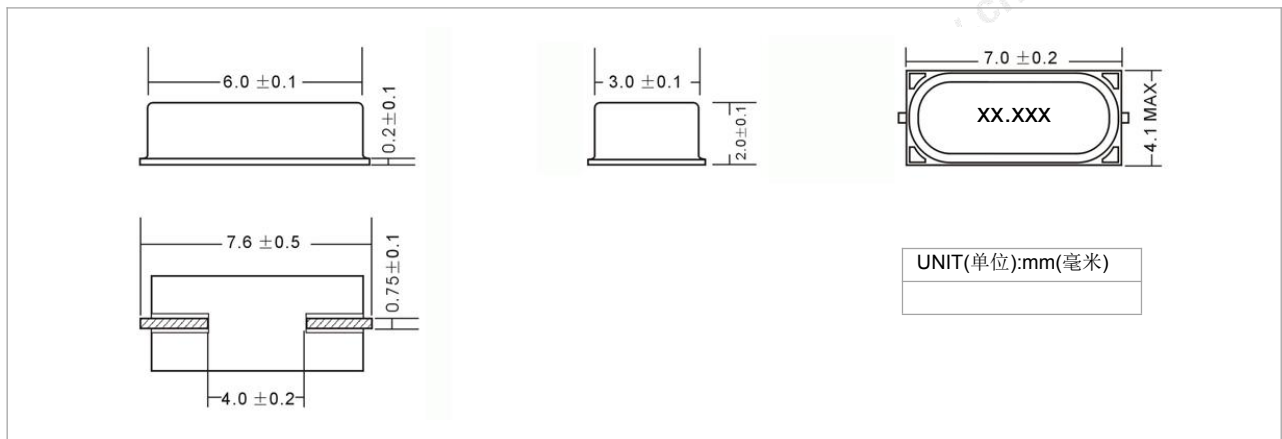
※ 电气参数 Electrical Specification

项 目 Item	参数 Parameter
频率范围 Frequency Range	6.000 to 50.000MHz
调整频差 Frequency Tolerance (ΔF)(at25 $^{\circ}C$)	± 10 to ± 50 ppm
温度频差 Frequency Drift	± 10 to ± 50 ppm
工作温度 Operating Temperature Range	-20 to 70 / -40 to 85 $^{\circ}C$
储存温度 Storage Temperature Range	-40 to 85 $^{\circ}C$
负载电容 Load Capacitance , (CL)	Suggested by customer
激励功率 Drive Level)	0.01 μW (1000 μW Max)
静态电容 Shunt Capacitance ,(C0)	5.0pF Max
老化率 Aging at 25 $^{\circ}C$	± 5 ppm/year Max
绝缘阻抗 Insulation Resistance (Rs)	500M Ω Min at100Vdc

※ 等效电阻和振荡模式 Equivalent Series Resistance (ESR) and Mode of Oscillation

频率范围 Frequency Range (MHz)	等效阻抗 ESR (Ω)	振荡模式 Mode of Oscillation
6.000 - 8.000 MHz	100 Max	基频 AT Fund
8.000 - 12.000 MHz	80 Max	基频 AT Fund
12.000 - 16.000 MHz	60 Max	基频 AT Fund
16.000 - 20.000 MHz	50 Max	基频 AT Fund
20.000 - 5.000 MHz	40 Max	基频 AT Fund

※ 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

CH M49SX — 6.000M 1 20 B1 — I T							
CHXTAL							
型号 Table1							包装方式 B: 散包 Bulk T: 编带 Tape
频率 Frequency Range							附加加工 N: 普通 Normal C: 切脚 Lead Cutting G: 弯脚 Gull Wing J: 套管 Jacket I: 绝缘垫片 Insulator
振荡模式 1: Fund 3: 3RD 5: 5thovertone							
负载电容(PF) Load Capacitance							温度特性 Table2

※ Table1 型号/Type

A	B	C	D	E	F	G	H
49S	49SS	49S-3L	49SX	49SSX	49S-X3	49S-X4	M49SX

※ 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	-20~85	-40~85	-40~105	-40~125
Stability (ppm)		A	B	C	D	E	F
±10	1	*	*				
±20	2	*	*	*	*		
±30	3	*	*	*	*	*	
±50	5	*	*	*	*	*	*