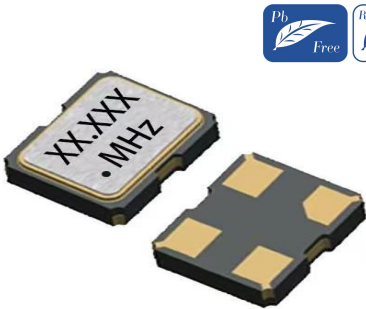




Features - Size (LxW)2.5 x 2.0mm,Height (H) 0.9 mm

3000pcs / reel



- Features 特性
- Frequency Range:1MHz~125MHz
频率范围：1MHz~125MHz
 - Stability, High Reliability, and Excellent Wide-Temperature Frequency-Temperature Characteristics
可靠性、稳定性高、优良的宽温频率温度范围
 - Application fields: Optical communication networks, Automotive electronics, Industrial control, and Medical equipment
应用领域光通信网络、汽车电子、工业控制、医疗设备

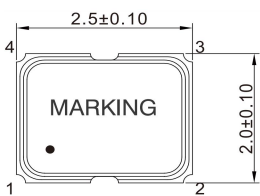
Specifications 规格参数

Frequency Range 频率范围	1~125 MHz (Fund)	XOS-2520
Vibration Mode 振动模式	AT Fundamental	
Load Capacitance 负载电容	15pF	
Supply Voltage 电源电压	1.8V、3.3V、5V	可定制 or specify
Frequency Tolerance 调整频差 at 25℃	±10ppm	可定制 or specify
Temperature Tolerance 温度频差	±20ppm	Over Operating Temp.Range(Ref.to 25℃)
Operating Temperature Range 工作温度范围	-40 ~ +85℃	可定制 or specify
Output Voltage 输出电压	0.9Vdd Min.	Output High(Logic "1 ")
	0.1Vdd Max.	Output Low(Logic "0 ")
Tri-State 三态输出	Vdd×0.7 Min.	Output Active
	Vdd×0.3 Max.	Output in High-Impedance state
Storage Temperature Range 保存温度范围	-55~ +125℃	
Duty Cycle 占空比	50±10%	
Output Rise/Fall Time 上升沿/下降沿	2ns	可定制 or specify
Start-up Time启动时间	3ms	可定制 or specify
Aging Rate年老化率	±3ppm	Every Year

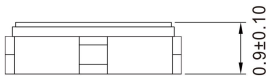
Frequency Stability Vs. Operating Temperature Range 频率稳定性与工作温度范围

Operating Temperature Range 工作温度范围	Temperature Tolerance 温度频差
-20 ~ +70℃	±10ppm 可定制 or specify
-40 ~ +85℃	±20ppm 可定制 or specify
-40 ~ +105℃	±50ppm 可定制 or specify
-40 ~ +125℃	可定制 or specify

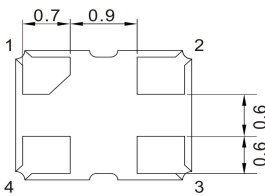
Dimensions and Recommended Land Pattern 外观尺寸及推荐焊盘



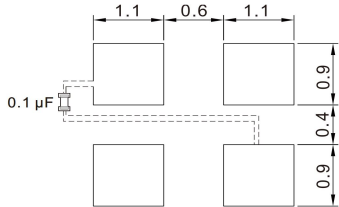
Top View



Side View



Bottom View



Footprint (Recommender)

Pin: 1.Tri-State; 2.GND; 3.Output; 4.Vdd.