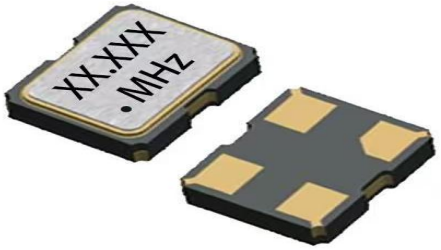
SMD MHz Quartz Crystal Oscillator XOS-Series(2016) 石英晶体振荡器

Features - Size (LxW)2.0 x 1.6mm,Height (H) 0.75 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

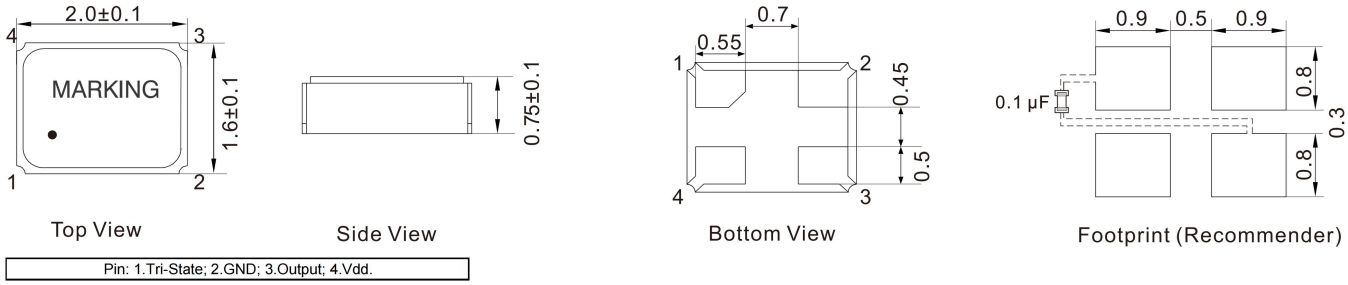
Specifications 规格参数

Frequency Range 频率范围	1~125 MHz (Fund)	XOS-2016
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.

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TONGJING:

XOS20040000LT00351005 XOS32024000LT00351005 XOS32040000LT00351005
XTM25016000QT00351001 XOS20032000LT00351005 XTM20032000DT00351001
XOS32004000LT00351005 XOS32008000LT00351005 XOS25012000LT00351005
XOS25050000LT00351005 XTF32032768JT00351011 XTM32024000DT00351001
XTM32025000JT00351001 XTM32026000FT00351001 XTM32032000DT00351001
XTM32032000JT00351001 XOS25008000LT00351005 XOS25016000LT00351005
XOS25024000LT00351005 XOS32026000LT00351005 XTM20025000JT00351005
XTM25024000JT00351001 XTF32032768KT00351011 XOS20012000LT00351005
XOS20016000LT00351005 XOS25004000LT00351005 XTM20024000JT00351001
XTM32012000JT00351001 XOS32012000LT00351005 XTM25026000FT00351001