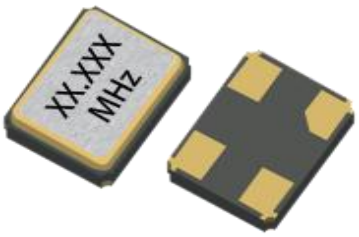
SMD MHz Quartz Crystal Resonator XTM-Series(2520) 石英晶体谐振器

Features - Size (LxW)2.5 x 2.0mm,Height (H) 0.55 mm　　3000pcs / reel



Features 特性

- Frequency Range:12.0MHz～100MHz
  频率范围：12.0MHz～100MHz
- 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
- Applications For a Digital Electronics, Consumer Products,Mobile Communications,Bluetooth, wireless LAN
  应用领域数字电子技术、消费类产品、移动通信、蓝牙、无线局域网

Specifications 规格参数

Frequency Range 频率范围	12~100 MHz (Fund)	XTM-2520
Vibration Mode 振动模式	AT Fundamental	
Load Capacitance 负载电容	6pF、8pF、9pF、10pF、12pF、15.pF、20pF	可定制 or specify
Frequency Tolerance 调整频差 at 25°C	±10ppm、±20ppm	可定制 or specify
Temperature Tolerance 温度频差	±20ppm	可定制 or specify
Operating Temperature Range 工作温度范围	–40 ~ +85°C	可定制 or specify
Storage Temperature Range 保存温度范围	–55~ +125°C	
Shunt Capacitance 静态电容	3 pF Max.	
Aging 老化率	±3 ppm Max.	25℃ ±3°C
Drive Level 激励电平	10~200μW Max. (100μW typical)	可定制 or specify

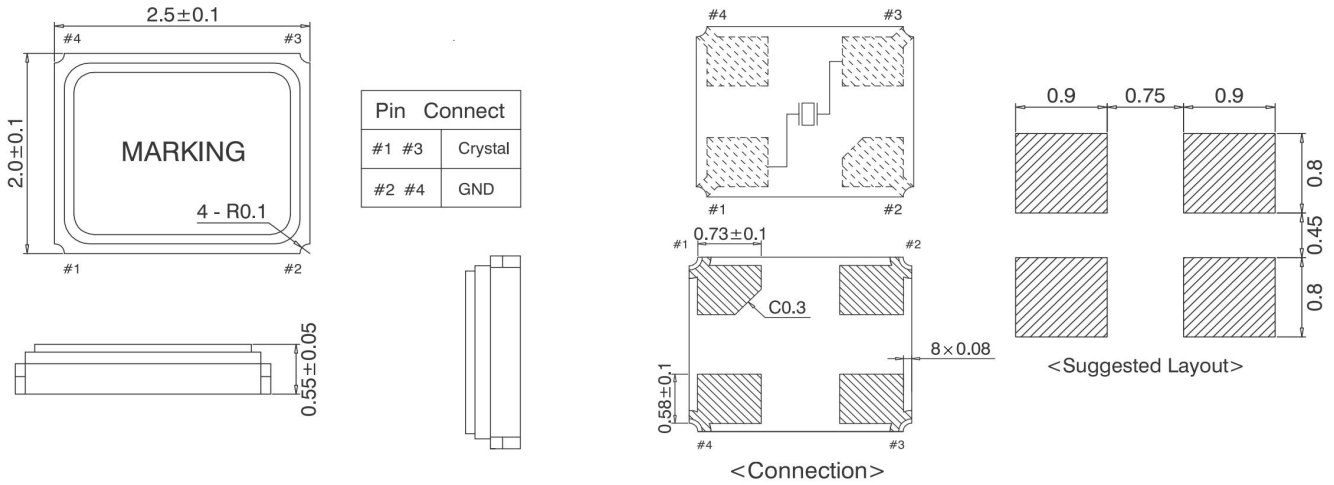
Equivalent Series Resistance 等效串联电阻(ESR)

Frequency Range (MHz)频率范围	ESR Max (Ω)电阻	Vibration Mode 震动模式
12 ~ 16MHz	100 Ω	AT Fundamental
16 ~ 24MHz	80 Ω	
24 ~ 100MHz	40 Ω	

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°C	±10ppm 可定制 or specify
–40 ~ +85°C	±20ppm 可定制 or specify
–40 ~ +105°C	±50ppm 可定制 or specify
–40 ~ +125°C	可定制 or specify

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



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TONGJING:

XOS25008000LT00351005 XTF32032768KT00351011 XTM32012000JT00351001
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XTF32032768JT00351011 XTM20024000JT00351001 XTM25016000QT00351001
XOS25004000LT00351005 XOS25024000LT00351005 XTM25024000JT00351001
XTM32032000JT00351001 XOS20012000LT00351005 XOS20032000LT00351005
XOS20040000LT00351005 XOS25012000LT00351005 XOS32026000LT00351005
XTM20025000JT00351005 XTM32025000JT00351001 XOS25050000LT00351005
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XOS32024000LT00351005 XTM25026000FT00351001 XTM32024000DT00351001