



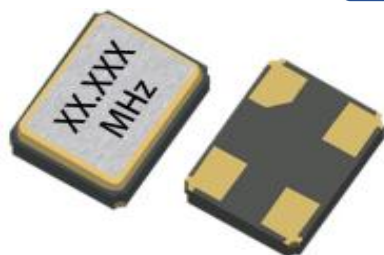
Features - Size (LxW)2.0 x 1.6mm,Height (H) 0.45 mm

3000pcs / reel



Features 特性

- Frequency Range:16.0MHz~100MHz
频率范围：16.0MHz~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	16~100 MHz (Fund)	XTM-2016
Vibration Mode 振动模式	AT Fundamental	
Load Capacitance 负载电容	6pF、8pF、9pF、10pF、12pF、15pF、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°C ±3°C
Drive Level 激励电平	10~200μW Max. (100μW typical)	可定制 or specify

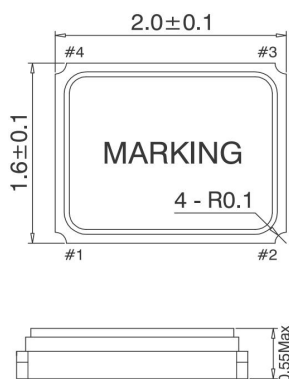
Equivalent Series Resistance 等效串联电阻(ESR)

Frequency Range (MHz) 频率范围	ESR Max (Ω) 电阻	Vibration Mode 震动模式
16 ~ 24MHz	80 Ω	AT Fundamental
24 ~ 32MHz	60 Ω	
32 ~ 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



Pin	Connect
#1 #3	Crystal
#2 #4	GND

