

无源晶振-MINI 49SMD Crystal



● 特征Features :

- Package Size : 7.0*4.0*2.3mm
- Frequency Range: 6-30MHZ or specify .
- Miniaturization. Optimized for stray signals, excellent frequency stability, high stability and reliability under temperature.

● 应用领域Applications:

- Applications: wireless communication, IoT (Internet of Things), consumer electronics, PC peripherals, etc.

● 电气规格Electrical Specifications

频率范围 Frequency Range	6-32MHZ
负载电容 Load Capacitance	6-20pF, or specify
频率偏差 Frequency tolerance at 25°C	±10ppm , ±20ppm
频率温度稳定性 Frequency Stability Over Operating Temp. Range	±20ppm , or specify
工作温度 Operating Temperature	-20~+70 , -40~+85 , or specify
振荡模式 Oscillation mode	AT Fundamental
激励电平 Drive Level	100 μW or specify
静态电容 Shunt capacitance (C0)	5pF or specify
储存温度 Storage Temperature	-40~+85
老化率 Aging at 25°C	±3 ppm/year or specify

● 等效串联电阻Equivalent Series Resistance

频率范围	等效串联电阻 (ESR)
6 MHz	250Ω MAX
6MHz ~ 11.0592MHz	120Ω MAX
12MHz ~ 20MHz	60Ω MAX
20MHz ~ 32MHz	40Ω MAX

● 尺寸和焊盘Package Dimensions & Recommended Land Pattern (Unit: mm)

