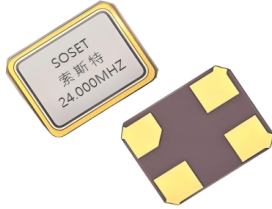


无源晶振-SMD2520 crystal



● 特征Features :

- Package Size : 2.5*2.0
- Frequency Range: 12-54MHZ or specify .
- High precision and high frequency stability.
- Extremely good for reducing EMI effect.

● 应用领域Applications:

- Internet of Things (IoT), laptops, tablets, wireless communication, Ethernet switches, gateways, set-top boxes, CPE, routers, servers, industrial control.

● 电气规格Electrical Specifications

频率范围 Frequency Range	12-54MHZ
负载电容 Load Capacitance	6-20pF
频率偏差 Frequency tolerance at 25°C	±10ppm , ±20ppm
频率温度稳定性 Frequency StabilityOver Operating Temp. Range	±20ppm , or specify
工作温度 Operating Temperature	-20~+70 , -40~+85 , or specify
振荡模式 Oscillationmode	AT Fundamental
激励电平 Drive Leve	100 μW or specify
静态电容 Shunt capacitance (C0)	3pF or specify
储存温度 Storage Temperature	-55~+125
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)
12MHz ~ 16MHz	120Ω MAX
16MHz ~ 20MHz	60Ω MAX
20MHz ~ 30MHz	40Ω MAX
30MHz ~ 54MHz	30Ω MAX

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

