

Crystal Unit

YSX321SL



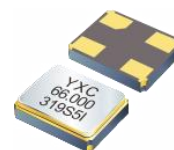
Applications

- IOT
- Smart Wearable
- Communication

Features

- Dimensions: 3.20 x 2.50 x 0.70 mm
- Standard Frequency: 8 ~ 64MHz

- High Precision and Tight Frequency Stability
- EMI Reduction



Specifications (规格参数)

Item	Symbol	Specifications
Nominal Frequency Range 额定频率范围	f_nom	8 ~ 64MHz
Vibration Mode 震动模式	-	AT Fundamental
Load Capacitance 负载电容	CL	10pF, 20pF, or specify
Frequency Tolerance 频率偏差(at 25°C)	f_tol	±10ppm, ±20ppm, or specify
Frequency Versus Temperature Characteristics 频率-温度特性	f_tem	±20ppm, or specify
Operating Temperature 工作温度	T_use	-40~+85°C or specify
Storage Temperature 储存温度	T_stg	-55~+125°C
Shunt Capacitance 静态电容	C0	3pF Max
Level of Drive 激励电平	DL	10~200μW Max (100μW typical)
Aging 老化(at 25°C)	f_age	±3ppm/year Max

Equivalent Series Resistance (等效串联电阻 (ESR))

YSX321SL	
8 ~ 11.2892MHz	150Ω Max
12 ~ 15MHz	80Ω Max
16 ~ 31MHz	50Ω Max
32 ~ 64MHz	40Ω Max

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

Dimensions (Unit: mm)	Recommended Land Pattern (Unit: mm)
Top View Side View Bottom View	Top View Crystal Connection Top View Suggested Layout