

Crystal Unit



YSX321SL



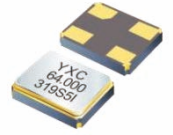
Applications

- 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 ~ 16MHz	80Ω Max
17 ~ 64MHz	50Ω Max

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

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