

Crystal Unit

YSX321SL

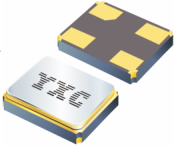


Applications

- 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 振动模式	-	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 ~ 11.99 MHz	180Ω Max
12 ~ 15.99 MHz	80Ω Max
16 ~ 19.99 MHz	50Ω Max
20 ~ 64 MHz	40Ω Max

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

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