

# Crystal Unit



## YSX1210SL Small Size



### Applications Features

- Smart Wearable
- TWS
- IOT
- Dimensions: 1.20 x 1.00 x 0.35mm
- Standard Frequency: 32 ~ 60MHz
- Ultra-Thin: 0.35mm Thickness
- Excellent Heat Resistance and Environmental Characteristics



### Specifications (规格参数)

Item	Symbol	Specifications
Nominal Frequency Range (额定频率范围)	f_nom	32 ~ 60MHz
Vibration Mode (震动模式)	-	AT Fundamental
Load Capacitance (负载电容)	CL	8pF, 9pF, 12pF, 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	-30~+85°C, or specify
Storage Temperature (储存温度)	T_stg	-40~+85°C
Shunt Capacitance (静态电容)	C0	3pF Max
Level of Drive (激励电平)	DL	100µW Max
Aging (老化) (at 25°C)	f_age	±2ppm/year Max

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

YSX1210SL	
32 ~ 40MHz	150Ω Max
41 ~ 60MHz	100Ω 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>Bottom view</p> <p>Side view</p>	