

Crystal Unit

YSX1210SL Small Size



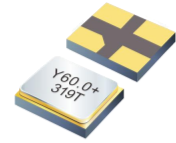
Applications

- Smart Wearable
- TWS
- IOT

Features

- 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> | <p>Recommended soldering Pattern</p> |