

Crystal Unit

YSX320GA Glass Sealed



Applications

- IOT
- Smart Wearable
- Communication

Features

- Dimensions: 3.20 x 2.50 x 0.80mm
- Standard Frequency: 11.0592 ~ 54MHz

- 4 pads SMD Glass Sealed Crystal Units
- Contains Pb in Sealing Glass Exempted by ROHS Directive



Specifications (规格参数)

Item	Symbol	Specifications
Nominal Frequency Range 额定频率范围	f_nom	8 ~ 54MHz
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	-20~+70°C, -40~+85°C, or specify
Storage Temperature 储存温度	T_stg	-40~+85°C
Shunt Capacitance 静态电容	C0	5pF Max
Level of Drive 激励电平	DL	10~300µW Max (100µW typical)
Aging 老化(at 25°C)	f_age	±3ppm/year Max

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

YSX320GA	
8 ~ 11.99MHz	400Ω Max
12 ~ 19.99MHz	100Ω Max
20 ~ 30.99MHz	60Ω Max
40 ~ 54MHz	40 Ω 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>Top View Suggested Layout</p>