

# Crystal Unit YSX530GA Glass Sealed



## Applications      Features

- Industrial Control
- Consumer Electronics
- Dimensions: 5.00 x 3.20 x 1.2 mm
- Standard Frequency: 8 ~ 54MHz
- 2 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	-40~+85°C, or specify
Storage Temperature 储存温度	T_stg	-55~+125°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))

YSX530GA	
8 ~ 16MHz	80Ω Max
16 ~ 25MHz	40~60Ω Max
25 ~ 54MHz	30~40Ω 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 Crystal Connection</p> <p>Top View Suggested Layout</p>