Crystal Unit

YSX530GA Glass Sealed



Applications

- Industrial Control
- Consumer Electronics

Features

- 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

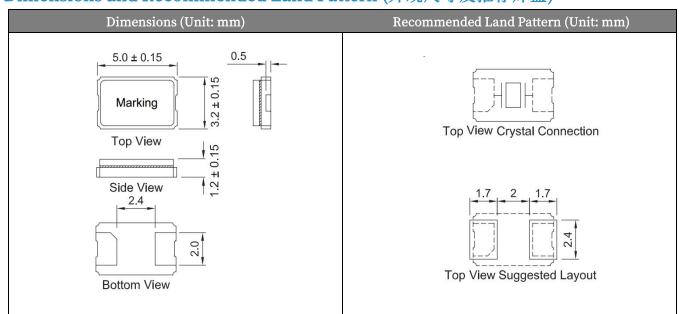
Specifications (规格参数)

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	± 10 ppm, ± 20 ppm, or specify
Frequency Versus Temperature Characteristics(频率-温度特性)	f_tem	± 20 ppm, 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	-55∼+125℃
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 Μαχ		
16 ~ 25MHz	40~60Ω Max		
25 ~ 54MHz	30~40Ω Max		

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



www.yxc.hk