

Crystal Unit

AEC-Q200

YSX1612SC *Small Size*



Applications

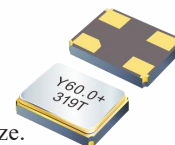
- GPS Automotive electronics
- Industrial electronics.

Features

- Dimensions: 1.60 x 1.20 x 0.35mm.
- Standard Frequency: 24~60MHz

- AEC-Q200 qualified

- Seam with vacuum Sealed for Ultra-small size.



Specifications (规格参数)

Item	Symbol	Specifications
Nominal Frequency Range (额定频率范围)	f_nom	24~60MHz
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, or specify
Frequency Versus Temperature Characteristics (频率-温度特性)	f_tem	±50ppm, or specify
Operating Temperature (工作温度)	T_use	-40~+125°C, or specify
Storage Temperature (储存温度)	T_stg	-55~+125°C
Shunt Capacitance (静态电容)	C0	3pF Max.
Level of Drive (激励电平)	DL	50μW Max.
Aging (老化) (at 25°C)	f_age	±2ppm/year Max.

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

YSX1612SC	
24 ~ 40MHz	150 Ω Max.
41 ~ 60MHz	100 Ω Max.

Dimensions and Recommended land pattern (外观尺寸及推荐焊盘)

Dimensions (Unit: mm)	Recommended land pattern(Unit: mm)