



- High Precision and Tight Frequency Stability
- AEC-Q200 Qualified



Applications

- Automotive
- Industrial

Features

- Dimensions: 2.50 x 2.05 x 0.55mm
- Standard Frequency: 12 ~ 80MHz

Specifications (规格参数)

	Symbol	Specifications
围)	f_nom	12 ~ 80MHz, or specify
	-	AT Fundamental
	CL	8pF, 10pF, or specify
5°C)	f_tol	±10ppm, ±30ppm, or specify
istics (频率-温度特性)	f_tem	±50ppm, or specify
	T_use	-40~+125°C, or specify
	T_stg	-55~125°C
	C0	3pF Max
	DR	10, 200µW Max (100µW typical)
	f_age	±2ppm/year Max

Item
Nominal Frequency Range (额定频率范
Vibration Mode (震动模式)
Load Capacitance (负载电容)
Frequency Tolerance (频率偏差) (at 25
Frequency Versus Temperature Character
Operating Temperature (工作温度)
Storage Temperature (储存温度)
Shunt Capacitance (静态电容)
Level of Drive (激励电平)
Aging (老化) (at 25°C)

Series Resistance (等效串联电阻(ESR))

YSX221SC	ESR
12 ~ 15MHz	180Ω Max
16 ~ 20MHz	150Ω Max
21 ~ 30MHz	100Ω Max
31 ~ 80MHz	60Ω Max

Equivalent S

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

