Crystal Unit
AEC-Q200
YSX221SC

Applications

- Automotive
- Industrial

Features

- Dimensions: 2.50 x 2.05 x 0.55mm
- Standard Frequency: 12 ~ 80MHz
- High Precision and Tight Frequency Stability
- AEC-Q200 Qualified



Specifications (规格参数)

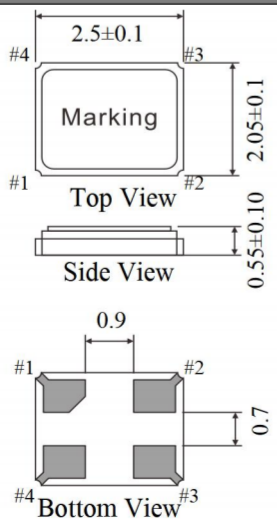
Item	Symbol	Specifications
Nominal Frequency Range 额定频率范围	f_nom	12 ~ 80MHz, or specify
Vibration Mode 震动模式	-	AT Fundamental
Load Capacitance 负载电容	CL	8pF, 10pF, or specify
Frequency Tolerance 频率偏差 (at 25°C)	f_tol	±10ppm, ±20ppm, or specify
Frequency Versus Temperature Characteristics 频率-温度特性	f_tem	±50ppm, 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	10~200μW Max(100μW typical)
Aging 老化(at 25°C)	f_age	±2ppm/year Max

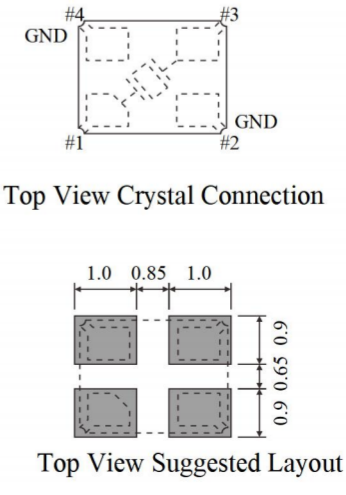
Equivalent Series Resistance (等效串联电阻(ESR))

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

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

Dimensions (Unit: mm)	Recommended Land Pattern (Unit: mm)





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Global Electronic Components Distributor

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YXC:

OT3JI-111-8M X49SM26MSD2SC XL2OI-111-30M X161032768KGD2SI X3225221184MSB4SI X49SD12MSD2SI H1OSC-SUG-6M X32252712MSB4SI X49SD73728MSD2SC-1 X503232MSB2GI Y8OGC-STU-32.768K OT1JI-111-25M OT705024MJBA4SL X201232768KJD2SI X322526MMB4SI XL2OI-111-32M X201627MOB4SI X201632MOB4SI OT3JI-111-26M OT8JI-111-40M XL2QI-111-25M H1OSC-SUG-27.12M H1OSC-SUG-30M X201632MMB4SI H1OSC-SUG-25M H1OSC-SUG-4.9152M H6OSC-SUG-8M OT201612MJBA4SL XG1SI-111-10M H1OSC-SUG-16M