

Crystal Unit

AEC-Q200

YSX321SC



Applications

- Automotive
- Industrial

Features

- Dimensions: 3.20 x 2.50 x 0.70 mm
- Standard Frequency: 8 ~ 66MHz

- Low Impedance Performance
- AEC-Q200 Qualified



Specifications (规格参数)

Item	Symbol	Specifications
Nominal Frequency Range (额定频率范围)	f_nom	8 ~ 66MHz
Vibration Mode (震动模式)	-	AT Fundamental
Load Capacitance (负载电容)	CL	8pF, 12pF, or specify
Frequency Tolerance (频率偏差) (at 25°C)	f_tol	±10ppm, ±30ppm, 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	1~200µW Max(100µW typical)
Aging (老化) (at 25°C)	f_age	±2ppm/year Max

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

YSX321SC			
8 ~ 9.9MHz	800Ω Max	13 ~ 15.9MHz	80Ω Max
10 ~ 10.9MHz	250Ω Max	16 ~ 20.9MHz	70Ω Max
11 ~ 11.9MHz	150Ω Max	21 ~ 29.9MHz	60Ω Max
12 ~ 12.9MHz	100Ω Max	30 ~ 66.0MHz	50Ω Max

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

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

Crystal Unit

AEC-Q200

YSX321SC



Applications

- Automotive
- Industrial

Features

- Dimensions: 3.20 x 2.50 x 0.70 mm
- Standard Frequency: 8 ~ 66MHz

- Low Impedance Performance
- AEC-Q200 Qualified



Specifications (规格参数)

Item	Symbol	Specifications
Nominal Frequency Range (额定频率范围)	f_nom	8 ~ 66MHz
Vibration Mode (震动模式)	-	AT Fundamental
Load Capacitance (负载电容)	CL	8pF, 12pF, or specify
Frequency Tolerance (频率偏差) (at 25°C)	f_tol	±10ppm, ±30ppm, 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	1~200µW Max(100µW typical)
Aging (老化) (at 25°C)	f_age	±2ppm/year Max

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

YSX321SC			
8 ~ 9.9MHz	800Ω Max	13 ~ 15.9MHz	80Ω Max
10 ~ 10.9MHz	250Ω Max	16 ~ 20.9MHz	70Ω Max
11 ~ 11.9MHz	150Ω Max	21 ~ 29.9MHz	60Ω Max
12 ~ 12.9MHz	100Ω Max	30 ~ 66.0MHz	50Ω Max

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

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

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Crystals](#) category:

Click to view products by [Yangxing](#) manufacturer:

Other Similar products are found below :

[CX3225GB25000M0PPSZ1](#) [718-13.2-1](#) [7A-40.000MAAE-T](#) [FL2000085](#) [99-BU](#) [9B-15.360MBBK-B](#) [9C-7.680MBBK-T](#) [H10S-12.000-18-EXT-TR](#) [ABC2-6.000MHZ-D4Z-T](#) [ABLS-20.000MHZ-D2-T](#) [ABS071-32.768KHZ-6-T](#) [R38-32.768-12.5-5PPM-NPB](#) [BTD1062E05A-513](#) [21U15A-21.4MHZ](#) [RTX-781DF1-S-20.950](#) [LFXTAL066198Cutt](#) [9C-14.31818MBBK-T](#) [A-11.000MHZ-27](#) [ABL-27.000MHZ-B4Y-T](#) [ABM11-132-24.000MHZ-T3](#) [ABM3B1-25.000MHZ-D2Y-T](#) [SPT2A-.032768B](#) [SPT2A.032768G](#) [LFXTAL065253Cutt](#) [LFXTAL066431Cutt](#) [XT9S20ANA14M7456](#) [XT9SNLANA16M](#) [7A-24.576MBBK-T](#) [7B-30.000MBBK-T](#) [CX2520DB16000H0HPQCC](#) [MMCC2R32.7680KHZ](#) [6504-202-1501](#) [6526-202-1501](#) [ABLS-12.000MHZ-B2Y-T](#) [7A-10.000MBBK-T](#) [SG636PCE-20.000MC](#) [3404](#) [CM315D32768EZFT](#) [C1E-24.000-7-2020-R](#) [C1E-19.200-12-1530-X-R](#) [C1E-16.000-12-1530-X-R](#) [ABM11-16.000MHZ-9-B1U-T](#) [FL5000014](#) [EUCA18-3.1872M](#) [FX0800015](#) [425F35E027M0000](#) [FP0800018](#) [MS3V-T1R-32.768kHz-7pF-20PPM-TA-QC-Au](#) [VXM7-1C1-16M000](#) [MS3V-T1R-32.768kHz-9pF-20PPM-TA-QC-Au](#)