

CRYSTAL UNIT

CSX-3225



Applications

- Multimedia devices / Bluetooth / Wireless LAN
- Sensor / Camera
- Automotive

Features

- Ultra thin / Dimensions (3.2 × 2.5 × 0.7)
- Ceramic Package
- High Reliability and High Stability
- Compliant products with AEC-Q200

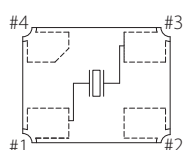
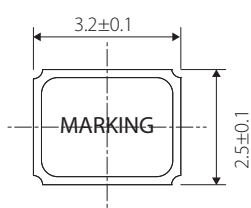
Specifications



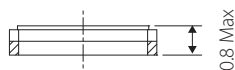
Model	CSX-3225	
Nominal frequency range	8.000~54.000MHz	
Crystal cut	Fundamental [AT-cut]	
Storage temperature range	-40~+125°C (For AEC-Q200)	
Operating temperature range	-30~+85°C	-40~+125°C
Frequency temperature characteristics(Ref. to +25°C)	$\pm 15 \times 10^{-6}$	$\pm 50 \times 10^{-6}$
Frequency tolerance (at +25°C)	$\pm 15 \times 10^{-6}$	
Equivalent series resistance	400 Ω: 8.000~9.799 MHz 150 Ω: 9.800~15.999 MHz 80 Ω: 16.000~18.999 MHz 60 Ω: 19.000~29.999 MHz 40 Ω: 30.000~54.000 MHz	
Load capacitance	8,10,12 pF or specify	
Shunt capacitance	3pF max.	
Level of drive	10 μW (100 μW max.)	

Package quantity: 3,000pcs max./Reel.

Outline and Dimensions [unit:mm]



Pin Connection	
#1,#3	Crystal
#2,#4	GND



Land Pattern(REFERENCE)

