

CRYSTAL UNIT

CSX-2520



Applications

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

Features

- Ultra thin / Dimensions (2.5 × 2.0 × 0.55)
- Ceramic Package
- High Reliability and High Stability
- Compliant products with AEC-Q200

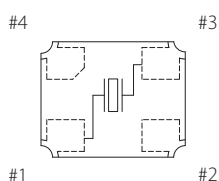
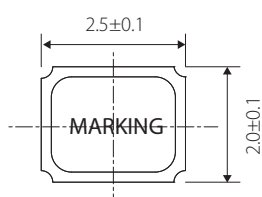
Specifications



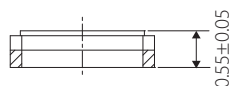
Model	CSX-2520	
Nominal frequency range	12.000~54.000 MHz	
Crystal cut	Fundamental [AT-cut]	
Storage temperature range	-40~+125°C (For AEC-Q200)	
Operating temperature range	-30~+85°C	-40~+125°C
Frequency temperature characteristics(Ref. to +25°C)	$\pm 15 \times 10^{-6}$	$\pm 50 \times 10^{-6}$
Frequency tolerance (at +25°C)	$\pm 15 \times 10^{-6}$	
Equivalent series resistance	150 Ω : 12.000~15.999 MHz 80 Ω : 16.000~19.999 MHz 60 Ω : 20.000~29.999 MHz 50 Ω : 30.000~34.999 MHz 40 Ω : 35.000~54.000 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)

