



# CRYSTAL UNIT

## CSX-2016

### Applications

- Automotive / MultiMedia / Bluetooth

### Features

- Ultra thin / Dimensions (2.0×1.6×0.55)
- Ceramic SMD Package
- Excellent Environment Resistant
- Tight Tolerance and Stability
- Reflow Soldering / Emboss Taping
- Compliant Products with AEC-Q200

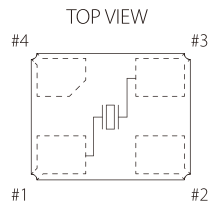
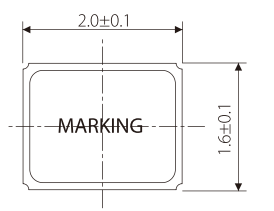
### Specifications



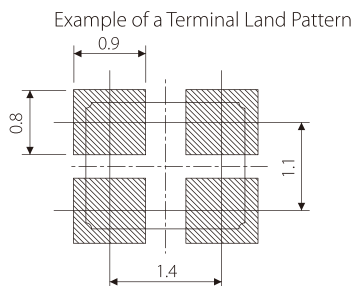
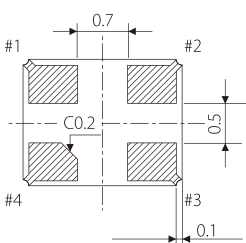
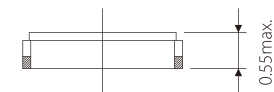
Model	CSX-2016
Nominal frequency range	16.000~40.000 MHz
Crystal cut	Fundamental [AT-cut]
Storage temperature range	-40~+125°C
Operating temperature range	-40~+85°C, -40~+125°C
Frequency temperature characteristics (Ref. to +25°C)	$\pm 50 \times 10^{-6}$ , $\pm 100 \times 10^{-6}$
Frequency tolerance (at +25°C)	$\pm 15 \times 10^{-6}$
Equivalent series resistance	150Ω: 16.000~19.999 MHz 100Ω: 20.000~26.000 MHz 80Ω: 26.000~40.000 MHz
Load capacitance	8pF, 12pF
Shunt capacitance	5pF max.
Level of drive	10 μW (100 μW max.)

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

### Outline and Dimensions [unit:mm]



•#1,#3 : Crystal terminal / #2,#4 : Connected to cover (Please connect it with GND)



Maximum marking length		Marking
line1	line2	
4	4	Laser
ex.)		<div style="border: 1px solid black; padding: 5px; display: inline-block;">                     26 . 0 S G A                 </div>