

Crystal Unit

SMD5032



Applications

- Cellular / PHS / Cordless Telephones / Pagers

Features

- Ultra thin / Dimensions (5.0×3.2×0.7)
- Ceramic SMD Package
- Vacuum Seam Sealed
- Tight Tolerance and Stability
- Reflow Soldering / Emboss Taping
- Compliant products with AEC-Q200



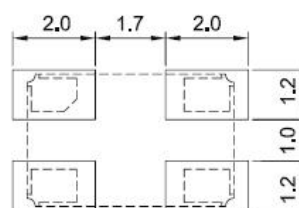
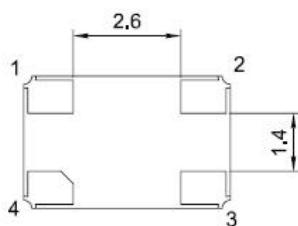
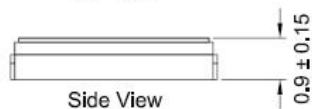
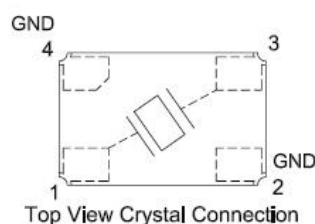
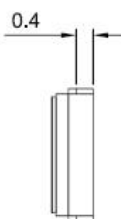
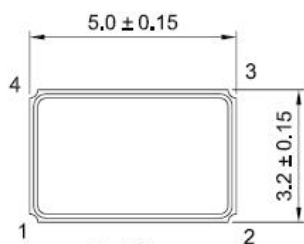
Electrical Specifications

Item / Type		
Frequency Range	8 ~ 125MHz	
Frequency Tolerance (at 25 °C)	± 30 ppm, or specify	± 10 ppm
Frequency Stability Over Operating Temperature Range	± 30 ppm, or specify	± 10 ppm
Operating Temperature Range	-10 ~ +70 °C, or specify	
Shunt Capacitance (C0)	5 pF Max. (2 pF typical)	
Drive Level	1 ~ 200 μW (100 μW typical)	
Load Capacitance	10 pF, 16 pF, 20 pF, or specify	6 pF, 9 pF, 10 pF, 12 pF, 16 pF
Aging (at 25 °C)	± 3 ppm / year Max.	± 1 ppm / year Max.
Storage Temperature Range	- 40 ~ + 85 °C	

Equivalent Series Resistance(ESR)

Fundamental		3rd Overtone	
8 ~ 11 MHz	80 Ω Max.	40 ~ 60 MHz	120 Ω Max.
12 ~ 54 MHz	40 Ω Max.	60 ~ 125 MHz	80 Ω Max.

Dimensions



Units: mm