



SMD Seam Crystal Units 2.5x2.0x0.75mm 2S Series



Features

- High precision characteristics covering up to wide frequency range.
- Higher frequency stability and reliability.
- Excellent for reducing EMI effect.
- The best choice of Bluetooth, wireless communication set, DSC, PDA, mobile phone and USB interface card.

Electrical Specifications

Item / Type

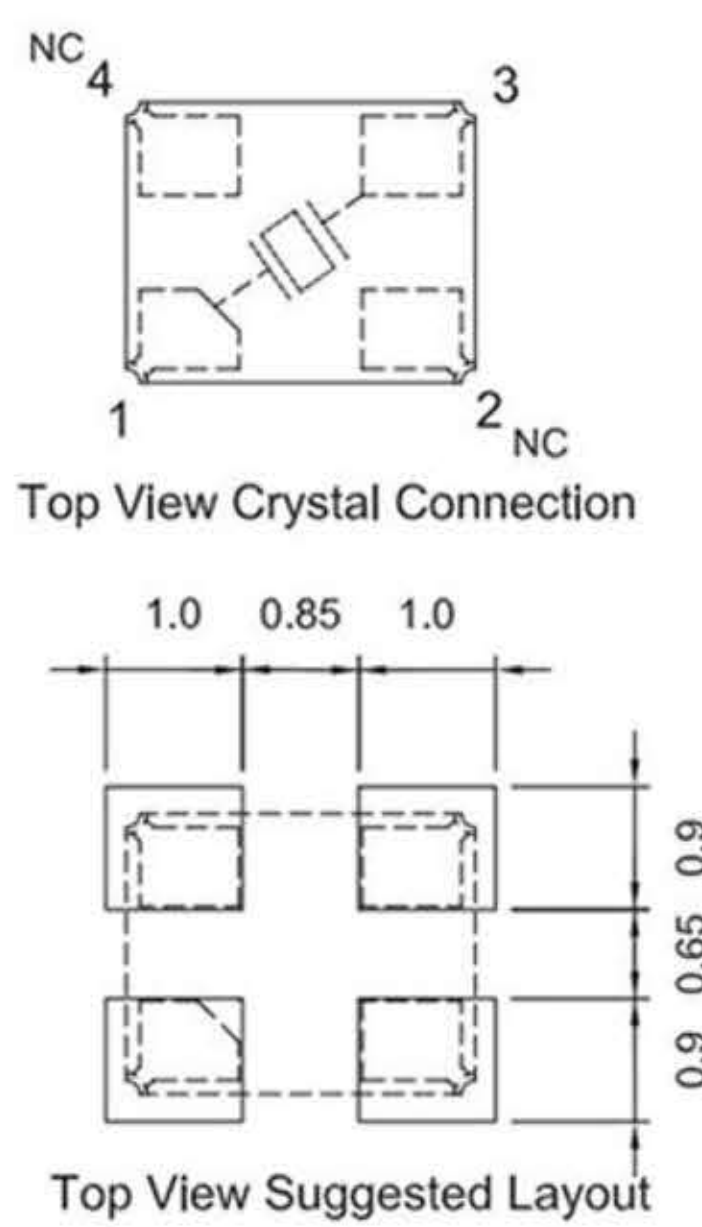
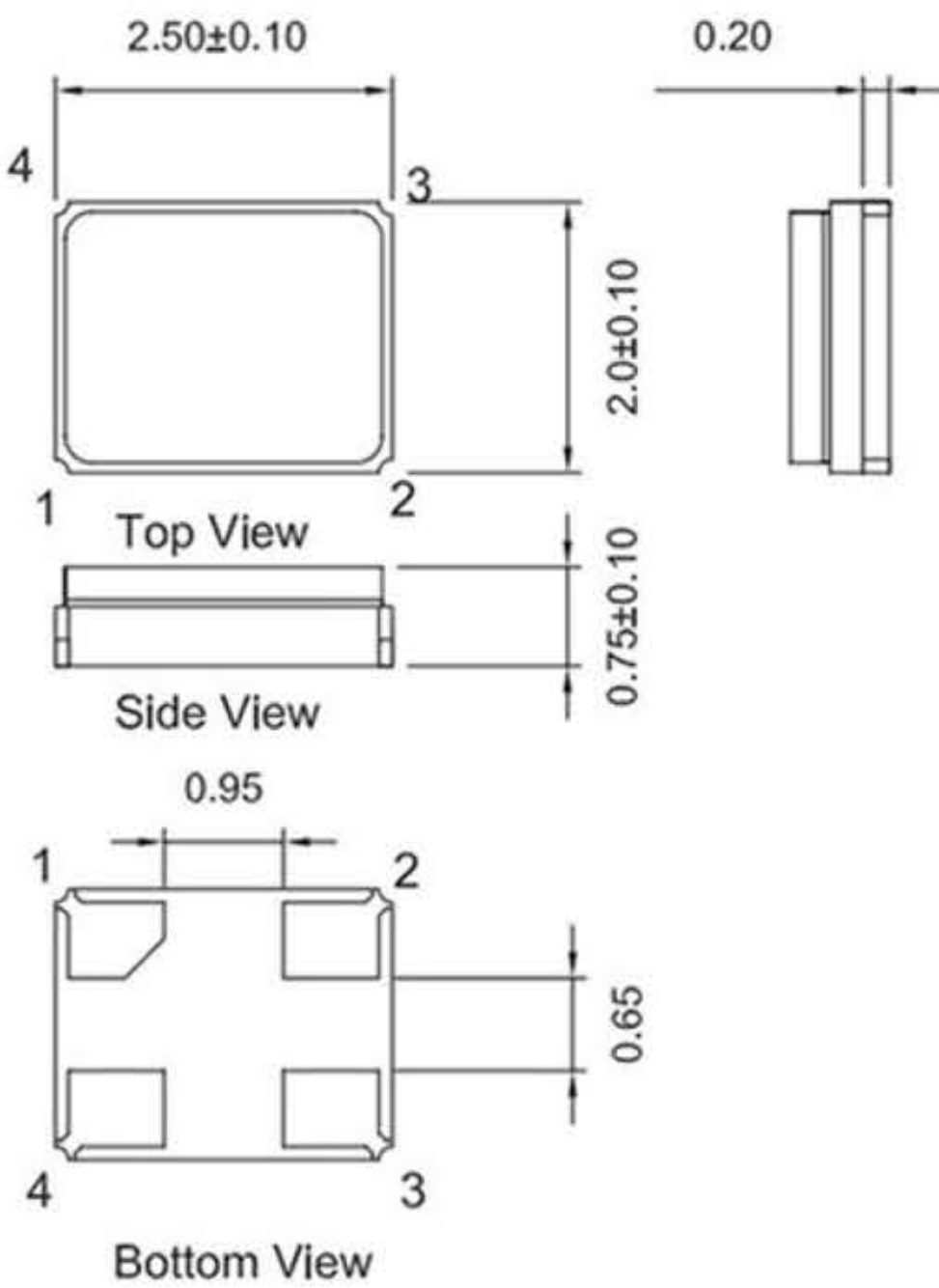
Frequency Range	12 ~ 66MHz	
Frequency Tolerance (at 25 °C)	± 20 ppm, or specify	± 10 ppm
Frequency Stability Over Operating Temperature Range	± 20 ppm, or specify	± 10 ppm
Operating Temperature Range	-10 ~ +70 °C, or specify	
Shunt Capacitance (C0)	5 pF Max. (2 pF typical)	
Drive Level	1 ~ 200 μW (100 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

12.00 MHz	80 Ω Max.	16 ~ 30 MHz	60 Ω Max.
		30 ~ 66MHz	60 Ω Max.

Dimensions



Units: mm