Features

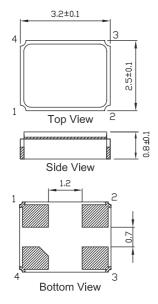
- · 4 pads SMD glass sealed crystal.
- · Applications in wireless communication ,DSC and USB interface card.
- · Excellent heat resistance and environmental characteristics.
- · Contain Pb in sealing glass exempted by RoHS directive.

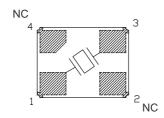


Electrical Specifications Item / Type Frequency Range 9.9 ~ 54 MHz Frequency Tolerance (at 25 °C) ± 30 ppm, or specify Frequency Stability Over Operating Temperature Range ± 30 ppm, or specify **Operating Temperature Range** -10 ~ +70 °C, or specify Shunt Capacitance (C0) 3 pF Max. Drive Level $1 \sim 50 \mu W (10 \mu W typical)$ Load Capacitance 8 pF, 10 pF, or specify ± 3 ppm / year Max. Aging (at 25 °C) Storage Temperature Range - 40 ~ + 85 ℃

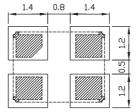
Equivalent Series Resistance(ESR)	
Fundamental	
9.9 ~ 12 MHz	150 Ω Max.
12 ~ 16 MHz	100 Ω Max.
16 ~ 54 MHz	60 Ω Max.

Dimensions





Top View Suggested Connection



Top View Suggested Layout

Units: mm