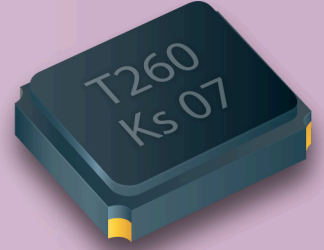


# SMD Glass Sealing Crystals 3.2 x 2.5 x 0.8 mm AV Series

## Features

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



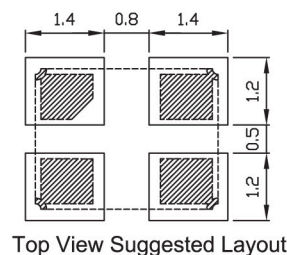
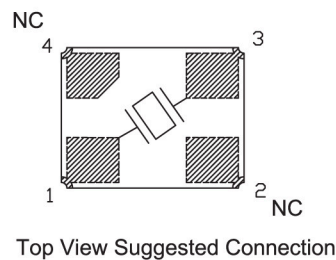
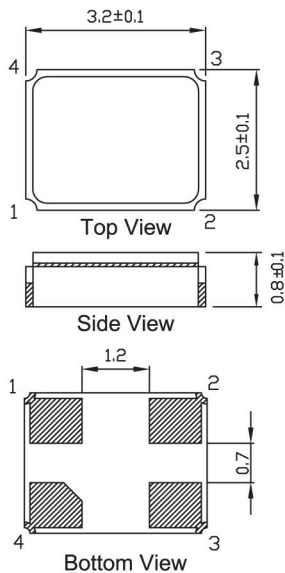
## Electrical Specifications

Item / Type	AV
Frequency Range	9.84 ~ 54 MHz
Frequency Tolerance (at 25 °C)	± 30 ppm, or specify
Frequency Stability Over Operating Temperature Range	± 50 ppm Max.
Operating Temperature Range	- 40 ~ 125 °C
Shunt Capacitance (C0)	3 pF Max.
Drive Level	10 μW (typical) ; 100 μW (Max.)
Load Capacitance	8 pF, 10 pF or specify
Aging (at 25 °C)	± 3 ppm / year Max.
Storage Temperature Range	- 40 ~ 125 °C
Raliability Standard	AEC-Q200

## Equivalent Series Resistance(ESR)

Fundamental	
9.84 ~ 12 MHz	200 Ω Max.
12 ~ 20 MHz	120 Ω Max.
20 ~ 54 MHz	60 Ω Max.

## Dimensions



Units: mm