

# 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.

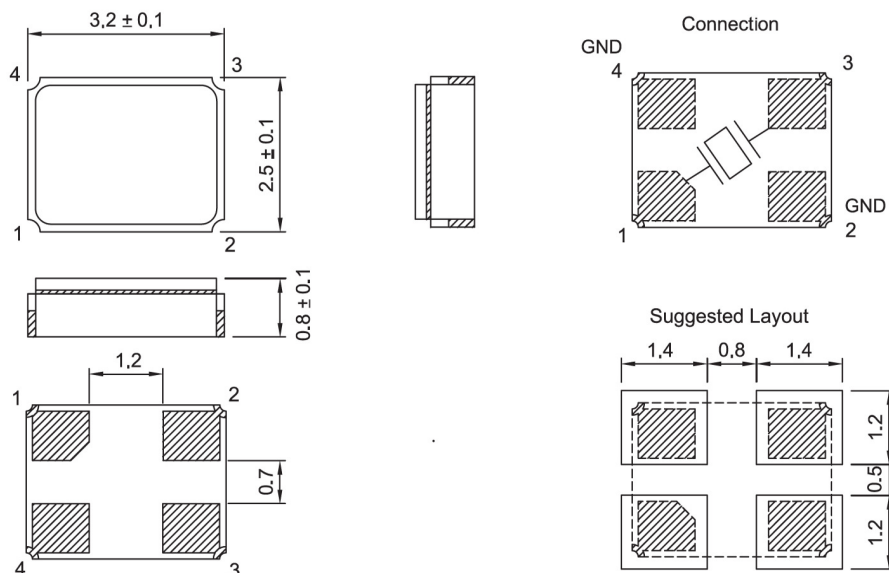
## Electrical Specifications

Item / Type	AV
Frequency Range	9.9 ~ 54 MHz
Frequency Tolerance (at 25 °C)	± 30 ppm
Frequency Stability Over Operating Temperature Range	± 50 ppm Max.
Operating Temperature Range	- 40 ~ + 85° C
Shunt Capacitance (C0)	3 pF Max.
Drive Level	10 μW (typical) ; 100 μW (Max.)
Load Capacitance	8 pF, or specify
Aging (at 25 °C)	± 3 ppm / year Max.
Storage Temperature Range	- 40 ~ +105 °C
Raliability Standard	AEC-Q200 VER.C

## Equivalent Series Resistance(ESR)

Fundamental	
9.9 ~ 12MHz	150 Ω Max.
12 ~ 13MHz	120 Ω Max.
13 ~ 54MHz	60 Ω Max.

## Dimensions



Units: mm

Remark : Specification subject to change without prior notice. Please confirm with our sales.