

# SMD Glass Sealing Crystals 8.0 x 4.5 x 1.5 mm AX Series

## Features

- Reliable glass sealed ceramic package.
- Wide operating temperature range.
- Superior and reliable performance in harsh environment.
- Application : TPMS, ECM, ABS and sensor modules.
- Contains Pb in sealing glass exempted by RoHS directive.



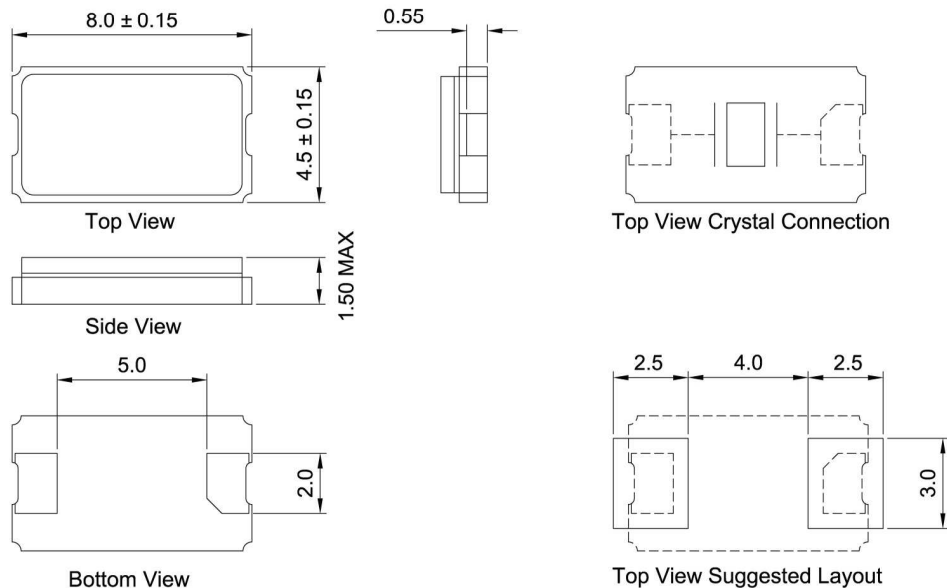
## Electrical Specifications

Item / Type	AX
Frequency Range	8 ~ 40 MHz
Overtone	Fundamental
Frequency Tolerance (at 25 °C)	± 30 ppm
Frequency Stability	± 50 ppm Max. (- 40 ~ + 85 °C)
Operating Temperature Range	- 40 ~ +150 °C
Drive Level	10 μW (typical) ; 500 μW (Max.)
Load Capacitance	8 pF, or specify
Storage Temperature Range	- 40 ~ +150 °C

## Equivalent Series Resistance(ESR)

Fundamental	
8 ~ 10 MHz	120 Ω Max.
10 ~ 12 MHz	100 Ω Max.
12 ~ 40 MHz	80 Ω Max.

## Dimensions



Units: mm

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