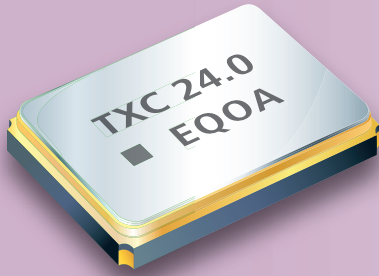


# SMD Seam Sealing Crystals 5.0 x 3.2 x 0.9 mm AB Series



## Features

- Reliable seam sealed ceramic package.
- Wide operating temperature range.
- Superior and reliable performance in harsh environment.
- Application: TPMS, ECM, ABS and sensor modules.
- RoHS Compliant / Pb Free.

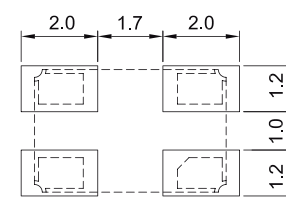
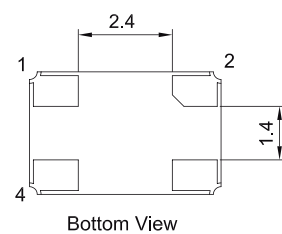
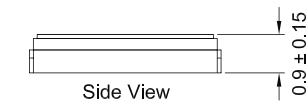
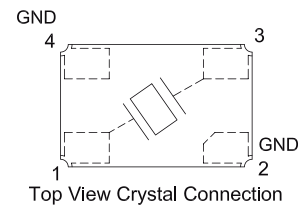
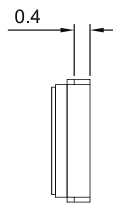
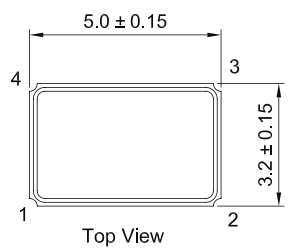
## Electrical Specifications

Item / Type	AB
Frequency Range	8 ~ 50 MHz
Overtone	Fundamental
Frequency Tolerance (at 25 °C)	± 10 ppm, ± 20 ppm, ± 50 ppm Max
Frequency Stability Over Operating Temperature Range	± 150 ppm Max.
Operating Temperature Range	- 40 ~ +125 °C
Drive Level	10 μW (typical) ; 300 μW (Max.)
Load Capacitance	12 pF, or specify
Storage Temperature Range	- 40 ~ +125 °C
Reliability Standard	AEC-Q200

## Equivalent Series Resistance(ESR)

Fundamental	
8 ~ 10 MHz	150 Ω Max.
10 ~ 12 MHz	100 Ω Max.
12 ~ 20 MHz	80 Ω Max.
20 ~ 50 MHz	60 Ω Max.

## Dimensions



Units: mm

Remark : Specification subject to change without prior notice. Please confirm with our sales. <http://www.txccorp.com>