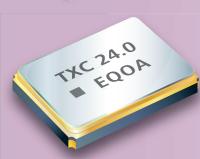


SMD Seam Sealing Crystals 5.0 x 3.2 x 0.9 mm AB Series



Features

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

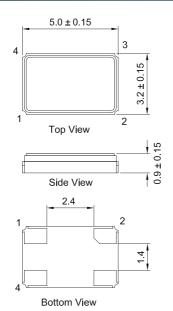
Electrical Specifications

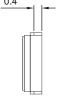
Electrical 5 pectifications	
Item / Type	AB
Frequency Range	8 ~ 50 MHz
Overtone	Fundamental
Frequency Tolerance (at 25 °C)	± 10 ppm, ± 20 ppm, ±50 ppm Max
Frequency Stability Over Operating Temperature Range	± 150 ppm Max.
Operating Temperature Range	- 40 ~ +125 °C
Drive Level	10 μW (typical) ; 300 μW (Max.)
Load Capacitance	12 pF, or specify
Storage Temperature Range	- 40 ~ +125 °C
Reliability Standard	AEC-Q200

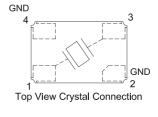
Equivalent Series Resistance(ESR)

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









Top View Suggested Layout

Units: mm