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.

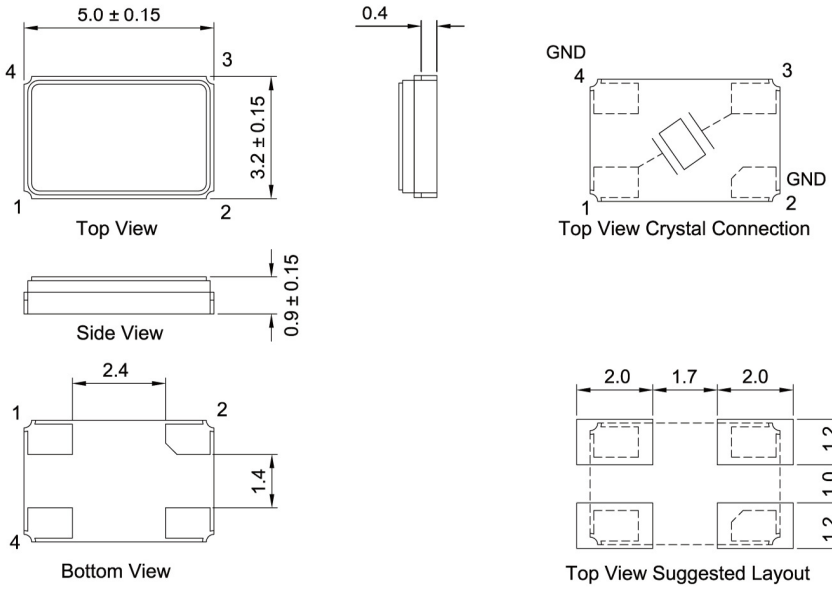
Electrical Specifications

Item / Type	AB
Frequency Range	9.5 ~ 40 MHz
Overtone	Fundamental
Frequency Tolerance (at 25 ℃)	± 30 ppm
Frequency Stability	± 50 ppm Max. (- 40 ~ + 85 ℃)
Operating Temperature Range	- 40 ~ +125 ℃
Drive Level	10 μW (typical) ; 300 μW (Max.)
Load Capacitance	12 pF, or specify
Storage Temperature Range	- 40 ~ +125 ℃
Reliability Standard	AEC-Q200 VER.C

Equivalent Series Resistance(ESR)

Fundamental	
9.5 ~ 10 MHz	150 Ω Max.
10 ~ 12 MHz	100 Ω Max.
12 ~ 20 MHz	80 Ω Max.
20 ~ 40 MHz	60 Ω Max.

Dimensions



Units: mm

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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

TXC Corporation:

AB-13.225625MAGE-T AB-13.560MAGE-T AB-15.360MAGE-T AB-16.000MAGE-T AB-18.432MAGE-T AB-20.000MAGE-T AB-24.000MAGE-T AB-25.000MAGE-T AB-26.000MAGE-T AB-27.000MAGE-T AB-37.500MAGE-T AB-10.000MALE-T AB-11.0592MAGQ-T AB-12.000MALE-T AB-14.31818MALE-T AB-18.000MAGH-T AB-19.680MALE-T AB-24.576MAGQ-T AB-16.000MENQ-T AB-24.576MEHQ-T AB-20.000MAHE-T AB-25.000MDHI-T AB-22.600MEMQ-T AB-26.000MEIE-T AB-18.000MAHH-T AB-19.687500MEME-T AB-16.000MFNE-T AB-13.560MAHE-T AB-14.318180MAME-T AB-16.0132MEMQ-T AB-13.528750MAHQ-T AB-18.080MEME-T AB-25.000MDPE-T AB-13.560MANH-T AB-14.318180MAHK-T AB-13.225625MAHE-T AB-40.000MDHE-T AB-16.000MAPJ-T AB-13.560MANE-T AB-27.000MAHE-T AB-19.2000MAGE-T AB-37.500MEHD-T AB-13.580MANE-T AB-24.000MAHE-T AB-13.125MAME-T AB-24.576MEIQ-T AB-19.707894MENV-T AB-20.000MALE-T AB-24.19066MENE-T AB-12.000MAME-T AB-37.500MEHE-T AB-16.000MAME-T AB-20.000MAMK-T AB-28.63636MAMJ-T AB08000006 AB37570002 AB08070001 AB20000001 AB16070001 AB-24.000MAGK-T AB-24.000MAME-T AB-13.560MALE-T AB-16.000MANE-T AB-19.600MAGE-T AB-16.000MALE-T AB-10.000MAGE-T AB-12.000MAGE-T AB-19.200MAGE-T AB-14.31818MAHQ-T AB-14.31818MAME-T AB-19.68750MEME-T