

SMD Seam Sealing Crystals 3.2 x 2.5 x 0.7 mm AM Series

Features

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

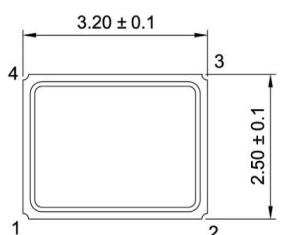
Electrical Specifications

Item / Type	AM
Frequency Range	10 ~ 48 MHz
Overtone	Fundamental
Frequency Tolerance (at 25 °C)	± 30 ppm
Frequency Stability	± 50 ppm Max. (- 40 ~ + 85 °C)
Operating Temperature Range	- 40 ~ +125 °C
Drive Level	10 μW (typical) ; 100 μW (Max.)
Load Capacitance	12 pF, or specify
Storage Temperature Range	- 40 ~ +125 °C
Reliability Standard	AEC-Q200 VER.C

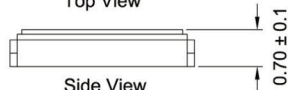
Equivalent Series Resistance(ESR)

Fundamental	
10 ~ 12 MHz	180 Ω Max.
12 ~ 20 MHz	100 Ω Max.
20 ~ 30 MHz	80 Ω Max.
30 ~ 48 MHz	60 Ω Max.

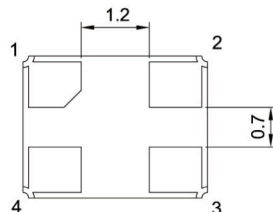
Dimensions



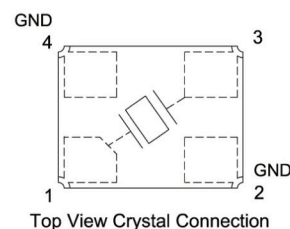
Top View



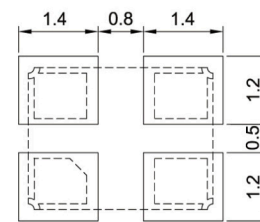
Side View



Bottom View



Top View Crystal Connection



Top View Suggested Layout

Units: mm

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

Mouser Electronics

Authorized Distributor

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[AM-12.000MAGE-T](#) [AM-13.560MAGE-T](#) [AM-16.000MAGE-T](#) [AM-20.000MAGE-T](#) [AM-24.000MAGE-T](#) [AM-24.576MAGE-T](#) [AM-26.000MAGE-T](#) [AM-27.000MAGE-T](#) [AM-30.000MAGE-T](#) [AM-40.000MAGE-T](#) [AM-48.000MAGE-T](#) [AM-9.84375MAGE-T](#) [AM-11.2896MAGQ-T](#) [AM-14.31818MAGQ-T](#) [AM-18.080MALV-T](#) [AM-18.432MAGQ-T](#) [AM-28.224MAGQ-T](#) [AM-28.63636MAGK-T](#) [AM-33.333MAGV-T](#) [AM-24.5454MAGQ-T](#)