

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

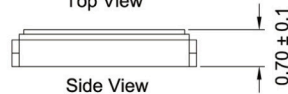
Equivalent Series Resistance(ESR)

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.

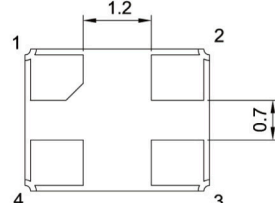
Dimensions



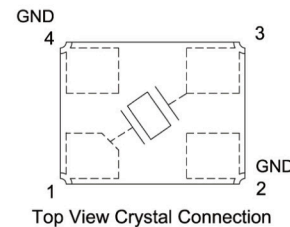
Top View



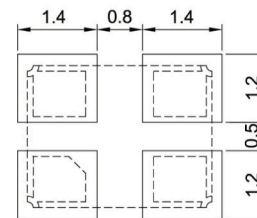
Side View



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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[TXC Corporation:](#)

[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](#) [AM-13.000MEHQ-T](#) [AM-26.000MENV-T](#) [AM-12.000MEIE-T](#) [AM-27.000MAQE-T](#) [AM-13.560MDHE-T](#) [AM-28.6363MBPH-T](#) [AM-16.000MAPY-T](#) [AM-48.000MAGV-T](#) [AM-40.000MEEQ-T](#) [AM-26.000MEIQ-T](#) [AM-26.000MEDV-T](#) [AM-24.576MAHE-T](#) [AM-26.000MDIE-T](#) [AM-48.000MBFQ-T](#) [AM-25.000MEIV-T](#) [AM-28.224MDGQ-T](#) [AM-16.000MDQC-T](#) [AM-16.9344MAHV-T](#) [AM-25.000MEPQ-T](#) [AM-24.000MAGJ-T](#) [AM-12.000MAHE-T](#) [AM-40.000MDGE-T](#) [AM-24.5454MAQQ-T](#) [AM-24.5454MAQE-T](#) [AM-18.080MEMV-T](#) [AM-27.000MEPV-T](#) [AM-16.000MEPV-T](#) [AM-24.5454MAHK-T](#) [AM-16.000MFNE-T](#) [AM-16.000MAME-T](#) [AM-13.560MENQ-T](#) [AM-25.000MFIQ-T](#) [AM-16.000MEIC-T](#) [AM12000001](#) [AM26060001](#) [AM25070002](#) [AM48070004](#) [AM16000006](#) [AM10000001](#) [AM26000008](#) [AM25090001](#) [AM24070001](#) [AM-24.000MENQ-T](#) [AM-16.9344MAGV-T](#) [AM-16.000MALE-T](#) [AM16070006](#) [AM27070601](#) [AM-16.000MAHE-T](#) [AM-16.000MDNE-T](#) [AM-20.000MALI-T](#) [AM-22.5792MALI-T](#) [AM-25.000MALI-T](#) [AM-26.000MEIV-T](#)