



**THE DATASHEET OF
AM-12.000MAGE-T**



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.



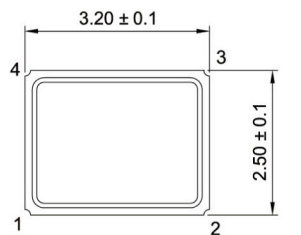
Electrical Specifications

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

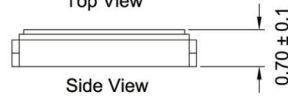
Equivalent Series Resistance(ESR)

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.

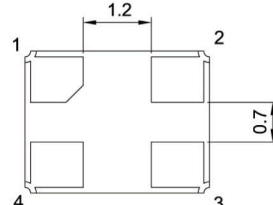
Dimensions



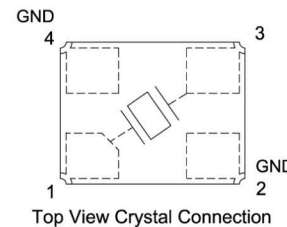
Top View



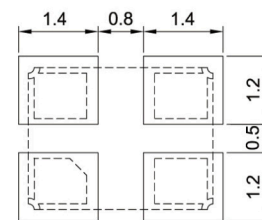
Side View



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.

Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

⊖ [View AM-12.000MAGE-T on WIN SOURCE](#)

⊖ [TXC CORPORATION](#) Information

Optimize Your Supply Chain with WIN SOURCE Solutions

- ✓ Global Sourcing Solution
- ✓ Obsolete Management
- ✓ Cost Control Management
- ✓ Shortage Management
- ✓ Alternative Solution
- ✓ Excess Inventory Management