

SMD Glass Sealing Crystals 3.2 x 2.5 x 0.8 mm AV Series

Features

- 4 pads SMD glass sealed crystal.
- Applications in wireless communication, DSC and USB interface card.
- Excellent heat resistance and enviromental characteristics.
- Contain Pb in sealing glass exempted by RoHS directive.

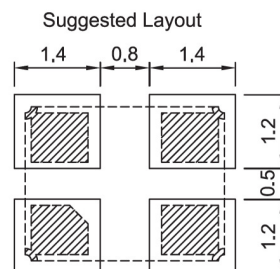
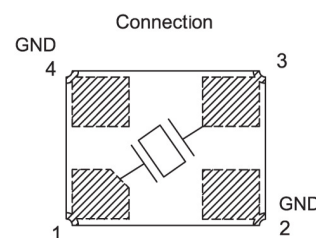
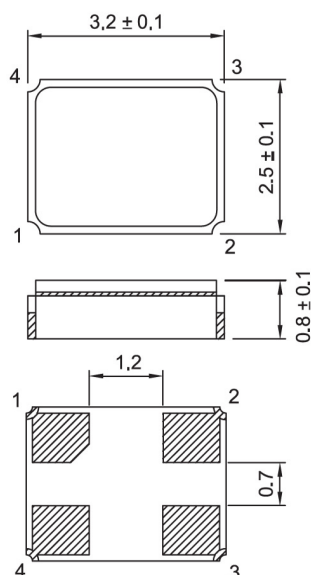
Electrical Specifications

Item / Type	AV
Frequency Range	9.9 ~ 54 MHz
Frequency Tolerance (at 25 °C)	± 30 ppm
Frequency Stability Over Operating Temperature Range	± 50 ppm Max.
Operating Temperature Range	- 40 ~ + 85° C
Shunt Capacitance (C0)	3 pF Max.
Drive Level	10 μW (typical) ; 100 μW (Max.)
Load Capacitance	8 pF, or specify
Aging (at 25 °C)	± 3 ppm / year Max.
Storage Temperature Range	- 40 ~ +105 °C
Raliability Standard	AEC-Q200 VER.C

Equivalent Series Resistance(ESR)

Fundamental	
9.9 ~ 12MHz	150 Ω Max.
12 ~ 13MHz	120 Ω Max.
13 ~ 54MHz	60 Ω Max.

Dimensions



Units: mm

Mouser Electronics

Authorized Distributor

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[TXC Corporation:](#)

[AV-12.288MAGV-T](#) [AV-14.31818MAGV-T](#) [AV-21.948717MAGV-T](#) [AV-24.000MAGV-T](#) [AV-24.576MAGV-T](#) [AV-26.000MAGV-T](#) [AV-28.63636MAGV-T](#) [AV-33.333MAGV-T](#) [AV-37.050MAGV-T](#) [AV-13.560MAGE-T](#) [AV-27.000MAGE-T](#) [AV-30.000MAGJ-T](#) [AV-41.600MAGQ-T](#) [AV-9.84375MAGE-T](#)