

SMD Seam Sealing Crystals

2.5 x 2.0 x 0.55 mm AZ 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.

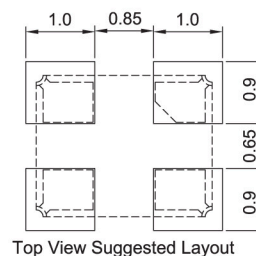
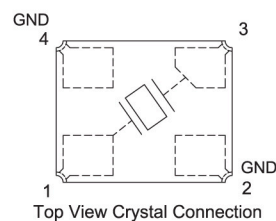
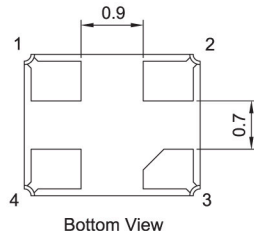
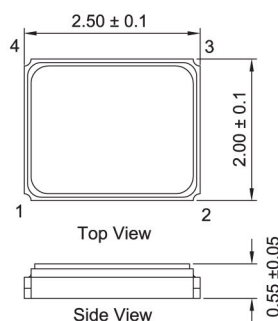
Electrical Specifications

Item / Type	AZ
Frequency Range	16 ~ 74.1 MHz
Frequency Tolerance (at 25 °C)	± 10 ppm, ± 30 ppm, or specify
Frequency Stability Over Operating Temperature Range	± 50 ppm, or specify
Operating Temperature Range	-40 ~ +125 °C
Shunt Capacitance (C0)	3 pF Max.
Drive Level	1 ~200 μW Max. (100uW typical)
Load Capacitance	8 pF, 10 pF, 12 pF, or specify
Aging (at 25 °C)	± 3 ppm / year Max.
Storage Temperature Range	- 40 ~ + 125 °C
Reliability Standard	AEC-Q200

Equivalent Series Resistance(ESR)

Fundamental	
16 ~ 30 MHz	100 Ω Max.
30 ~ 54 MHz	80 Ω Max.
54 ~ 74.1 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:](#)

[AZ20070003](#) [AZ16000003](#) [AZ40060001](#) [AZ-16.000MFHI-T](#) [AZ-37.400MEIQ-T](#) [AZ-37.400MEQQ-T](#) [AZ-16.000MEQQ-T](#) [AZ-25.000MDNV-T](#) [AZ-12.000MAGE-T](#) [AZ-12.000MAGQ-T](#) [AZ-12.000MAHE-T](#) [AZ-12.000MANQ-T](#) [AZ-12.000MFHE-T](#) [AZ-16.000MAGQ-T](#) [AZ-16.000MAGV-T](#) [AZ-16.000MAHQ-T](#) [AZ-16.000MANQ-T](#) [AZ-16.000MBMB-T](#) [AZ-16.000MDNV-T](#) [AZ-19.200MAGQ-T](#) [AZ-19.200MAHQ-T](#) [AZ-19.200MEQE-T](#) [AZ-20.000MAGE-T](#) [AZ-20.000MAGV-T](#) [AZ-20.000MANE-T](#) [AZ-20.000MFNV-T](#) [AZ-24.000MAGQ-T](#) [AZ-24.000MANQ-T](#) [AZ-24.000MEMC-T](#) [AZ-24.576MAGQ-T](#) [AZ-24.576MANQ-T](#) [AZ-25.000MAGE-T](#) [AZ-25.000MAGQ-T](#) [AZ-25.000MAGV-T](#) [AZ-25.000MAHQ-T](#) [AZ-25.000MDPE-T](#) [AZ-25.000MEIQ-T](#) [AZ-26.000MAGE-T](#) [AZ-26.000MAGV-T](#) [AZ-26.000MAHE-T](#) [AZ-26.000MDPV-T](#) [AZ-26.000MEQE-T](#) [AZ-27.000MAGE-T](#) [AZ-27.000MAHE-T](#) [AZ-27.000MDIE-T](#) [AZ-27.120MAGQ-T](#) [AZ-27.120MANQ-T](#) [AZ-27.600MAGQ-T](#) [AZ-27.600MAHQ-T](#) [AZ-27.600MDHQ-T](#) [AZ-32.000MAGQ-T](#) [AZ-32.000MANQ-T](#) [AZ-32.000MENQ-T](#) [AZ-37.400MAGI-T](#) [AZ-37.400MAGQ-T](#) [AZ-37.400MAHI-T](#) [AZ-37.400MAHQ-T](#) [AZ-37.400MEQI-T](#) [AZ-38.400MAGV-T](#) [AZ-38.400MEPV-T](#) [AZ-40.000MAGV-T](#) [AZ-40.000MFGV-T](#) [AZ-50.000MAGV-T](#) [AZ-50.000MEPV-T](#) [AZ-16.000MBMV-T](#)