

# 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.

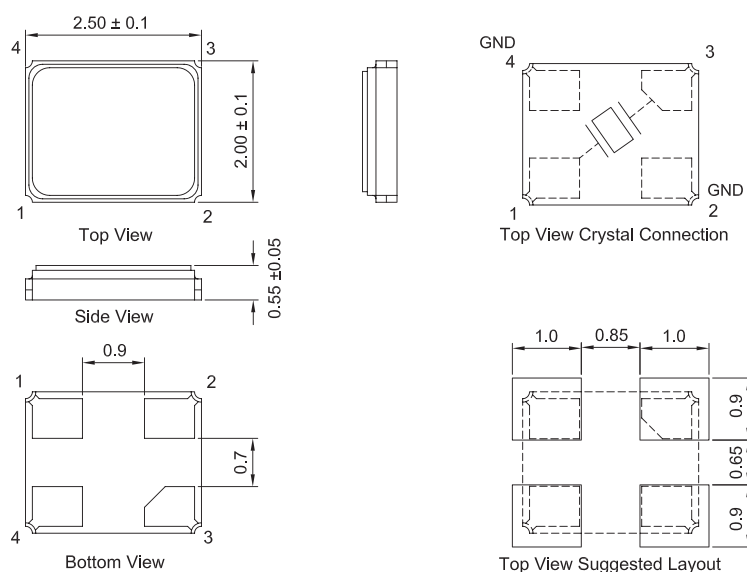
### Electrical Specifications

Item / Type	AZ
Frequency Range	16 ~ 50 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 ~ 50 MHz	80 Ω Max.

### Dimensions



Units: mm