

SMD Seam Sealing Crystals

2.5 x 2.0 x 0.55 mm 8Z Series

Quartz Crystals
Series

Features

- High precision and high frequency stability.
- Excellent heat resistance and environmental characteristics.
- Applications in PDA, DSC, DVC, and PC.
- RoHS Compliant / Pb Free.



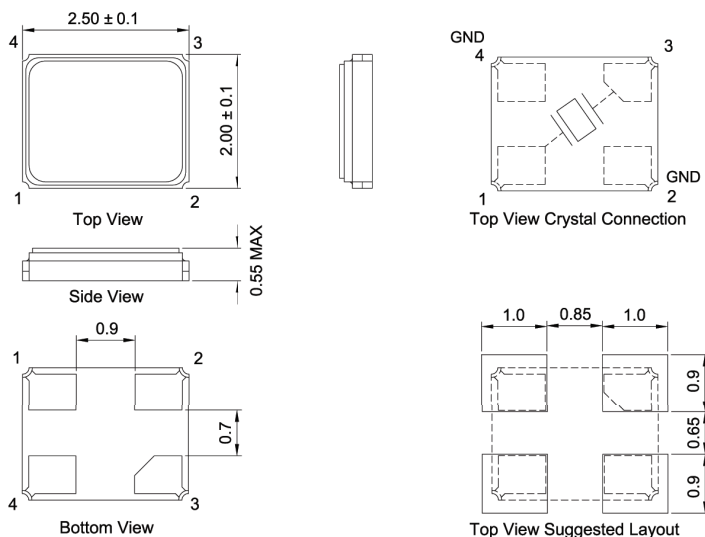
Electrical Specifications

Item / Type	8Z
Frequency Range	12 ~ 54 MHz
Frequency Tolerance (at 25 °C)	± 10 ppm, ± 30 ppm, or specify
Frequency Stability Over Operating Temperature Range	± 10 ppm, ± 30 ppm, or specify
Operating Temperature Range	-10 ~ +70 °C, or specify
Shunt Capacitance (C0)	3 pF Max.
Drive Level	1 ~ 100 µW Max. (10 µW typical)
Load Capacitance	8 pF, 10 pF, 12 pF, or specify
Aging (at 25 °C)	± 3 ppm / year Max.
Storage Temperature Range	- 40 ~ + 85 °C

Equivalent Series Resistance(ESR)

Fundamental	
12 ~ 13 MHz	150 Ω Max.
14 ~ 30 MHz	100 Ω Max.
30 ~ 54 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:

[8Z-14.31818MAAJ-T](#) [8Z-16.000MAAJ-T](#) [8Z-16.000MEEQ-T](#) [8Z-20.000MAAJ-T](#) [8Z-20.000MEEQ-T](#) [8Z-24.000MAAJ-T](#) [8Z-24.000MEEQ-T](#) [8Z-25.000MAAJ-T](#) [8Z-25.000MEEQ-T](#) [8Z-26.000MAAJ-T](#) [8Z-26.000MEEQ-T](#) [8Z-27.000MAAJ-T](#) [8Z-27.000MEEQ-T](#) [8Z-38.400MAAJ-T](#) [8Z-38.400MEEQ-T](#) [8Z-40.000MAAJ-T](#) [8Z-40.000MEEQ-T](#) [8Z-48.000MAAJ-T](#) [8Z-48.000MEEQ-T](#) [8Z-12.000MAAJ-T](#) [8Z-19.200MAAJ-T](#) [8Z-19.200MEEQ-T](#) [8Z-24.576MAAJ-T](#) [8Z-30.000MAAJ-T](#) [8Z-32.000MAAJ-T](#) [8Z-54.000MAAJ-T](#) [8Z-20.000MAHQ-T](#) [8Z-13.000MAHQ-T](#) [8Z-27.000MAKV-T](#) [8Z-12.288MAHQ-T](#) [8Z-19.200MAHQ-T](#) [8Z-38.400MAHQ-T](#) [8Z-50.000MAHQ-T](#) [8Z-12.000MAHQ-T](#) [8Z-26.000MAKV-T](#) [8Z-25.000MAHQ-T](#) [8Z-27.120MAHQ-T](#) [8Z-24.000MAHQ-T](#) [8Z-25.000MAKV-T](#) [8Z-40.000MAKV-T](#) [8Z-30.000MAHQ-T](#) [8Z-32.000MAHQ-T](#) [8Z-48.000MAHQ-T](#) [8Z-40.000MAHQ-T](#) [8Z-26.000MAHQ-T](#) [8Z-24.000MAKV-T](#) [8Z-37.400MAHQ-T](#) [8Z-16.000MAHQ-T](#) [8Z-27.000MAHQ-T](#)