

# SMD Seam Sealing Crystals

## 2.5 x 2.0 x 0.55 mm 8Z 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