

# SMD Seam Sealing Crystals

## 2.5x2.0x0.55mm S22 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.



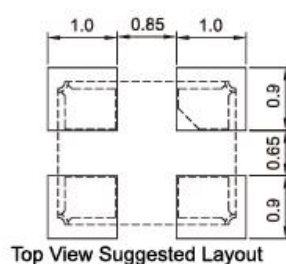
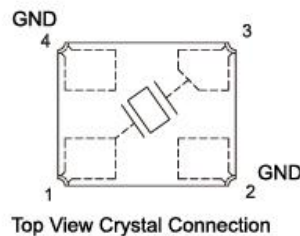
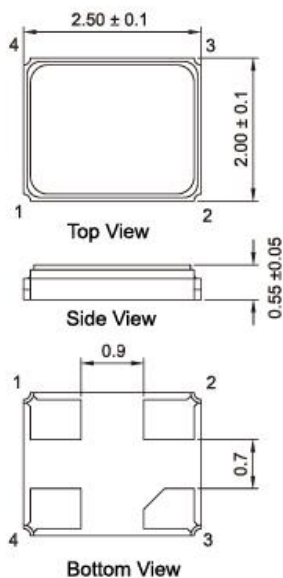
### Crystals specifications

ITEMS/TYPE	S22
Frequency Range	12~54MHz
Load Capacitance	8pF, 10pF, 12pF, or specify
Frequency Tolerance (at 25°C)	±10ppm, ±20ppm, or specify
Frequency Stability Over Operating Temperature Range	±10ppm, ±20ppm, or specify
Operating Temperature Range	-40~+85°C, or specify
Shunt Capacitance (C0)	3pF Max.
Drive Level	1~200μW (100μW typical)
Aging (at 25°C)	±3ppm/year Max.
Storage Temperature Range	-40~+85°C
Packing Unit	3,000pcs/Reel

### Equivalent Series Resistance(ESR)

Fundamental	
12~14MHz	150 Ω Max.
14~30MHz	100 Ω Max.
30~54MHz	60 Ω Max.

### Dimensions and patterns(unit:mm)



Units:mm

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