

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.



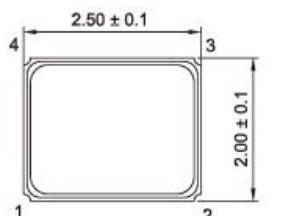
Crystals specifications

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

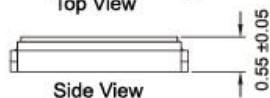
Equivalent Series Resistance(ESR)

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

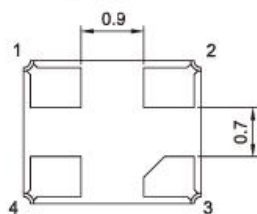
Dimensions and patterns(unit:mm)



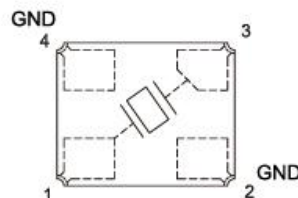
Top View



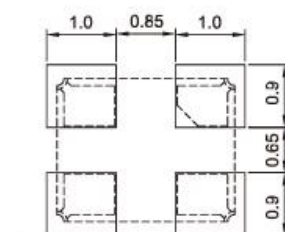
Side View



Bottom View



Top View Crystal Connection



Top View Suggested Layout

Units:mm

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

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