

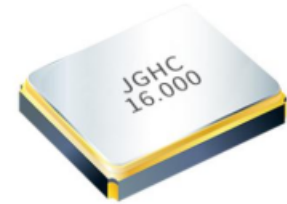
# SMD Seam Sealing Crystal

## 3.2x2.5x0.7mm AS3 Series



### Features

- Reliable seam sealed ceramic package.
- Wide operating temperature range.
- Superior and reliable performance in harsh environment.
- Application: TPMS, ECM, ABS and sensor modules.
- RoHS Compliant / Pb Free.



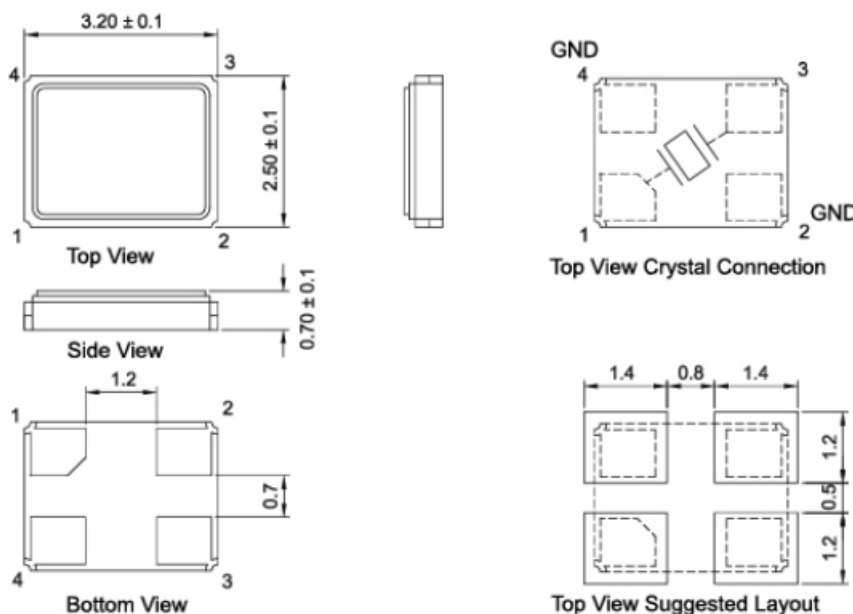
### Crystals specifications

ITEMS/TYPE	AS3
Frequency Range	8~64MHz
Vibration Mode	Fundamental
Load Capacitance	12pF, or specify
Frequency Tolerance (at 25℃)	±20ppm, or specify
Frequency Stability Over Operating Temperature Range	±150ppm Max.
Operating Temperature Range	-40~+125℃, or specify
Drive Level	100μW Max. (10 μW typical)
Storage Temperature Range	-40~+125℃
Reliability Standard	AEC-Q200

### Equivalent Series Resistance(ESR)

Fundamental	
8~12MHz	150 Ω Max.
12~20MHz	100 Ω Max.
20~30MHz	80 Ω Max.
30~64MHz	60 Ω Max.

### Dimensions and patterns(unit:mm)



Units:mm