

# SMD Seam Sealing Crystal

## 2.5x2.0x0.55mm AST 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	AST
Frequency Range	12~54MHz
Vibration Mode	Fundamental
Load Capacitance	8pF, 10pF, 12pF, or specify
Frequency Tolerance (at 25°C)	±20ppm, or specify
Frequency Stability Over Operating Temperature Range	±150ppm Max.
Operating Temperature Range	-40~+125°C, or specify
Drive Level	1~200µW Max. (100µW typical)
Storage Temperature Range	-40~+125°C
Reliability Standard	AEC-Q200

### Equivalent Series Resistance(ESR)

Fundamental	
12~30MHz	100 Ω Max.
30~54MHz	80 Ω Max.

### Dimensions and patterns(unit:mm)

