

# SMD Seam Sealing Crystals

## 3.2x2.5x0.7mm S32 Series



### Features

- High precision and high frequency stability.
- Extremely good for reducing EMI effect.
- The best choice of Bluetooth , Wi-Fi and other short range wireless communication.
- RoHS Compliant / Pb Free.



### Crystals specifications

ITEMS/TYPE	S32
Frequency Range	8~64MHz
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)	± 3 ppm/year Max.
Storage Temperature Range	-40~+125°C

### Equivalent Series Resistance(ESR)

Frequency Range	Mode	ESR.	Frequency Range	Mode	ESR.
8.000~9.999MHz	FAT,FundI	300 ΩMax.	20.000~29.999MHz	uAT,FundI	60 ΩMax
10.000~11.999MHz	uAT,FundI	120 ΩMax.	30.000~39.999MHz	uAT,FundI	40 ΩMax
12.000-15.999MHz	uAT,FundI	100 ΩMax.	40.000~64.000MHz	uAT,FundI	30 ΩMax
16.000-19.999MHz	uAT,FundI	80 ΩMax.			

### Dimensions and patterns(unit:mm)

