

# 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, wireless communication set, DSC, PDA, and mobile phone.
- 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~+85°C                   |
| Packing Unit   | 3,000pcs/Reel               |

### Equivalent Series Resistance(ESR)

| Fundamental |            |
|-------------|------------|
| 8~10MHz     | 500 Ω Max. |
| 10~16MHz    | 100 Ω Max. |
| 16~20MHz    | 80 Ω Max.  |
| 20~64MHz    | 60 Ω Max.  |

### Dimensions and patterns(unit:mm)



Units:mm

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