

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

X-ON Electronics

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