

SMD Crystal Resonators



Size: 5.0×3.2×0.90 mm

7I Series SMD Crystal Resonator

Features

- 5032 size miniature SMD crystal resonator with a low profile of 0.90mm.
- Wide frequency range from a comparatively low 8 MHz up to 125MHz.
- High precision and high frequency stability.
- Excellent for reducing EMI effect.
- Automatic mounting and reflow soldering.
- Applications for Bluetooth, wireless communication set, DSC, PDA, mobile phone, USB interface card, etc.
- RoHS Compliant / Pb-Free.



Electrical Specifications

Item /Type	7I (SMD 5032 crystal resonator)
Frequency Range	8~125MHz
Frequency Tolerance(at 25 °C)	±10ppm, ±30ppm, or specify
Frequency Stability Over Operating Temperature Range	±10ppm, ±30ppm, or specify
Operating Temperature Range	-20~+70°C, or specify
Shunt Capacitance(C ₀)	5pF Max.
Drive Level	1~200μW Max.(100μW Typical)
Load Capacitance	10pF, 16pF, 20pF, or specify
Aging (at 25°C)	±3ppm / year Max.
Storage Temperature Range	-55~+125°C
Packing Unit	1000pcs./Reel

Equivalent Series Resistance(ESR)

Fundamental		3rd Overtone	
8~11MHz	80Ω Max.	40~60MHz	120Ω Max.
12~54MHz	40Ω Max.	60~125MHz	80Ω Max.

Dimensions

Units:mm

