

# Glass SMD Crystal Resonators



Size: 5.0×3.2×1.20 mm

6I Series SMD Crystal Resonator

## Features

- 5032 size miniature SMD crystal resonator with a low profile of 1.20mm.
- 2 pads SMD sealed crystal units.
- High reliable environmental performance.
- Tight tolerance and stability parts are available.
- Reasonable cost and good delivery performance.
- Automatic mounting and reflow soldering.
- Applications for portable PC, PDA, DSC, and USB interface card, etc.
- Contains Pb in sealing glass exempted by RoHS directive.



## Electrical Specifications

Item /Type	6I (Glass SMD 5032 crystal resonator)
Frequency Range	8~54MHz
Frequency Tolerance(at 25 °C )	±30ppm, or specify
Frequency Stability Over Operating Temperature Range	±30ppm, or specify
Operating Temperature Range	-20~+70°C, or specify
Shunt Capacitance(C <sub>0</sub> )	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	-40~+85°C
Packing Unit	1000pcs./Reel

## Equivalent Series Resistance(ESR)

Fundamental	
8~12MHz	80Ω Max.
12~54MHz	50Ω Max.

## Dimensions

Units:mm

