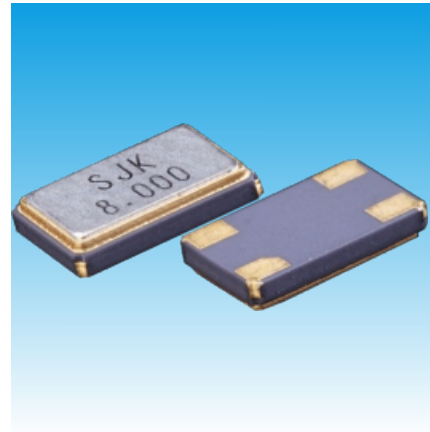


## Features

- 5032 size miniature SMD crystal units with a low profile of 0.90mm
- Frequency range from 8MHz to 125MHz
- High precision and high reliability
- Automatic mounting and reflow soldering
- Application for telecommunications, PC, Server, FA, Camera, Wearable device, etc.
- RoHS Compliant /Pb Free



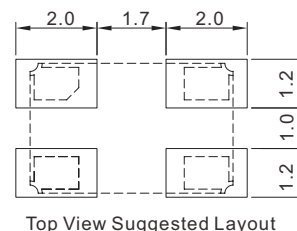
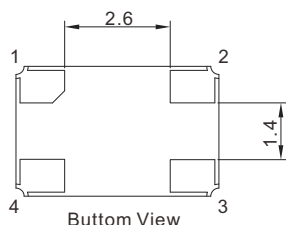
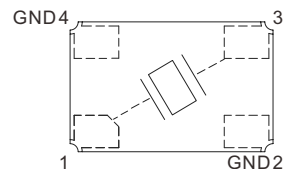
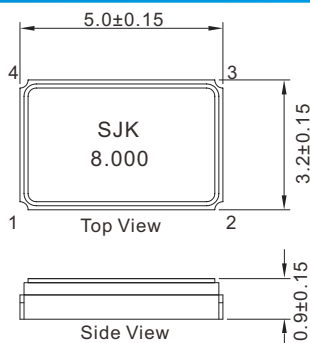
## Standard Specification

| Item /Type                                     | 7I (7I Series SMD Crystal Units) |
|--|----------------------------------|
| Frequency Range                                | 8~125 MHz                        |
| Frequency Tolerance (at 25°C)                  | ±10ppm~±30ppm, or specify        |
| Frequency stability Over Operating Temperature | ±10ppm~±30ppm, or specify        |
| Operating Temperature Range                    | -40~+85°C, or specify            |
| Shunt Capacitance (C <sub>0</sub> )            | 5pF Max.                         |
| Drive Level                                    | 1~200µW (100µW Typ.)             |
| 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

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

## Dimensions [mm]



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