

## Features

- 5032 size miniature and lightweight SMD crystal units with low profile of 1.2mm
- Frequency range from 8MHz to 64MHz
- 2 pads SMD glass crystal units
- Excellent heat resistance, high precision
- Application for PDA, GPS, Smart factory, AV equipment, PC, Server, and etc.
- Contain Pb in sealed glass exempted by RoHs directive



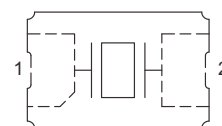
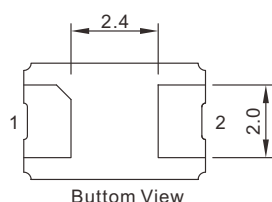
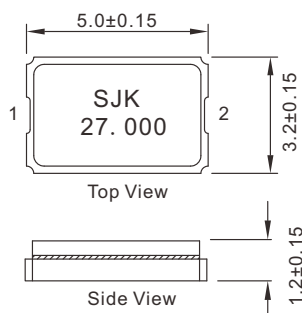
## Standard Specification

Item /Type	6I (6I Series SMD Crystal Units)
Frequency Range	8~64 MHz
Frequency Tolerance (at 25°C)	±30ppm, or specify
Frequency stability Over Operating Temperature	±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 Typ.)
Load Capacitance	10pF, 16pF, 20pF, or specify
Aging (at 25°C)	±3ppm /year Max.
Storage Temperature Range	-40~+85°C
Packing Unit	1000pcs./Reel

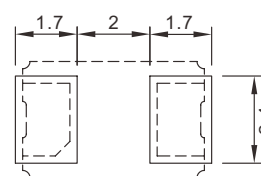
## Equivalent Series Resistance

Fundamental			
8~10 MHz	150Ω Max.	12~40 MHz	50Ω Max.
10~12 MHz	100Ω Max.	40~64 MHz	100Ω Max.

## Dimensions [mm]



Top View Crystal Connection



Top View Suggested Layout

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