

Features

- 1612 size ultra miniature and lightweight SMD crystal units with low profile of 0.35mm
- Frequency range from 24MHz to 54MHz
- High precision and high frequency stability
- High reliable environmental performance
- Automatic mounting and reflow soldering
- Application for wireless communications, Smart phone, Wearable device, etc.
- RoHS Compliant /Pb Free



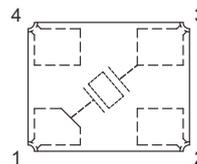
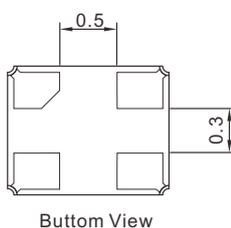
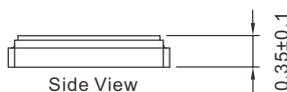
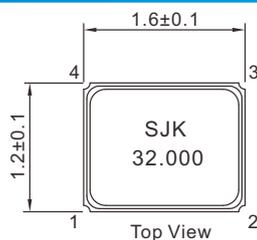
Standard Specification

Item /Type	7Y (7Y Series SMD Crystal Units)
Frequency Range	24~54 MHz
Frequency Tolerance (at 25°C)	±10ppm, ±20ppm, or specify
Frequency stability Over Operating Temperature	±10ppm, ±20ppm, or specify
Operating Temperature Range	-20~+70°C, or specify
Shunt Capacitance (C ₀)	5pF Max.
Drive Level	1~200μW (50μW Typ.)
Load Capacitance	8pF, 10pF, or specify
Aging (at 25°C)	±3ppm /year Max.
Storage Temperature Range	-55~+125°C
Packing Unit	3000pcs.

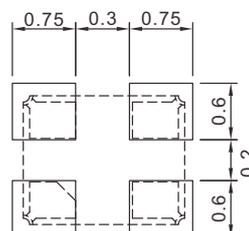
Equivalent Series Resistance

Fundamental	
24~30 MHz	100Ω Max.
30~54 MHz	80Ω Max.

Dimensions [mm]



Top View Crystal Connection



Top View Suggested Layout