

Features

- 3225 size ultra miniature and lightweight SMD crystal units with low profile of 0.8mm
- Frequency range from 8MHz to 64MHz
- High precision and high frequency stability
- Automatic mounting and reflow soldering
- Application for wireless communications, PC, DSC, PDA, Wearable device, etc.
- Contain Pb in sealed glass exempted by RoHs directive



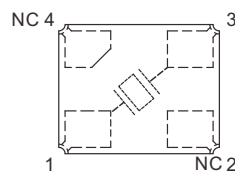
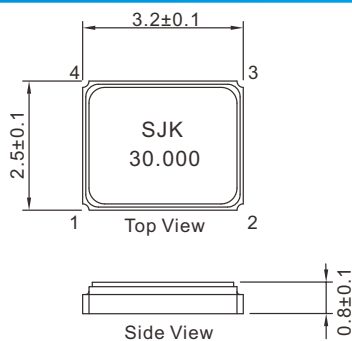
Standard Specification

Item /Type	7V (7V Series SMD Crystal Units)
Frequency Range	8~64 MHz
Frequency Tolerance (at 25°C)	±20ppm, or specify
Frequency stability Over Operating Temperature	±30ppm, or specify
Operating Temperature Range	-20~+70°C, or specify
Shunt Capacitance (C ₀)	5pF Max.
Drive Level	1~50μW (10μW Typ.)
Load Capacitance	8pF, 10pF, or specify
Aging (at 25°C)	±3ppm /year Max.
Storage Temperature Range	-40~+85°C
Packing Unit	3000pcs./Reel

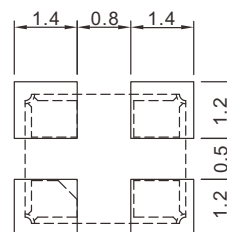
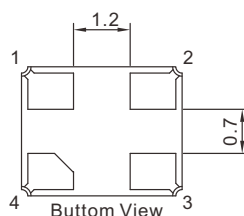
Equivalent Series Resistance

Fundamental			
8~10 MHz	400Ω Max.	20~27 MHz	60Ω Max.
10~12 MHz	100Ω Max.	27~64 MHz	50Ω Max.
12~20 MHz	80Ω Max.		

Dimensions [mm]



Top View Crystal Connection



Top View Suggested Layout