

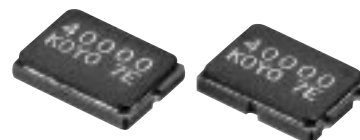


SMD Crystal Unit

Small SMD Crystal Unit: SX-7 Type

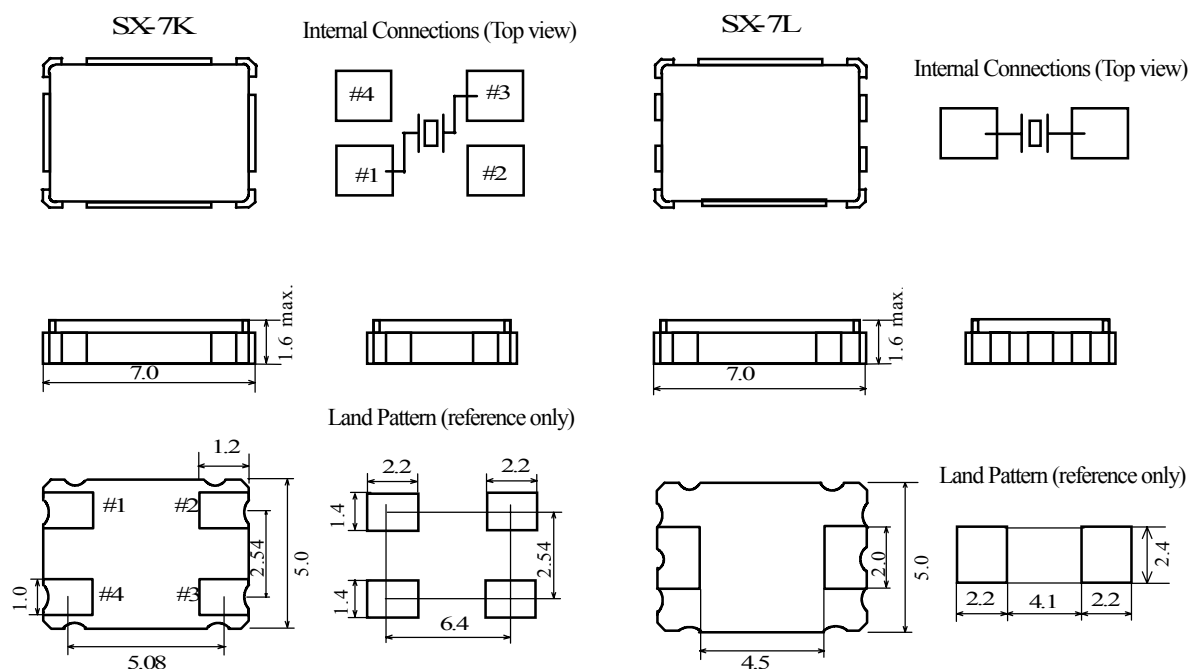
■ Features

- Small dimensions , and thin (1.6mm)
- Leadless type in a ceramic package
- Reflow soldering is applicable.
- Automatic mounting is possible, using embossed taping



SX-7

■ Dimensions



■ Specifications

Item	SX-7K, SX-7L
Frequency	9.8304 MHz ~ 40.000 MHz , 40.000 MHz ~ 100.000 MHz
Vibration Mode	AT- cut Fundamental , 3rd overtone
Frequency Tolerance	±30 ppm , ±50 ppm 25°C
Temperature Characteristics	±30 ppm , ±50 ppm [-20°C ~ +70°C 25°C Standard]
Equivalent Series Resistance	60Ω Max.
Shunt Capacitance	7pF Max.
Load Capacitance	Series Resonance 16 pF, 20 pF
Drive Level	10 μW ~ 100 μW
Aging	ΔF/F=±5 ppm Max. (25±3 °C) First year

Specifications which are different from those above may be acceptable.

Standard Frequency (MHz)	
9.83040	22.57920
10.00000	24.57600
11.05920	25.00000
12.00000	28.22400
13.56000	28.63636
14.31818	29.49120
14.74560	33.86400
16.00000	40.00000
20.00000	48.00000
22.11840	56.44800