



SMD Crystal Units

SX-7

New

Corresponding to Surface Mounting, and a low profile type

- Small dimensions, and a low profile type (1.1mm or 1.6mm thick)
- Leadless type in a ceramic package.
- Reflow soldering is applicable.
- Automatic mounting is possible, using embossed taping.



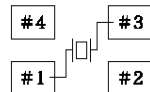
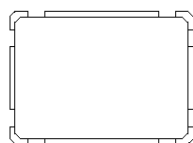
Specifications		
Item	SX-7K, SX-7L (h=1.6mm)	SX-7F, SX-7G (h=1.1mm)
Frequency	8.0~40MHz 40~100MHz	12.8~40MHz 40~100MHz
Vibration Mode	At- cut, fundamental, 3rd overtone	
Frequency Tolerance	$\pm 30\text{ppm}$, $\pm 50\text{ppm}$ (25℃)	
Temperature Characteristic	$\pm 30\text{ppm}$, $\pm 50\text{ppm}$ (−20℃~+70℃ (25℃ standard))	
Equivalent Series Resistance	60 Ω Max.	
Shunt Capacitance	7pF Max.	
Load Capacitance	Series Resonance, 16pF, 20pF	
Drive Level	100 μ W	
Aging	$\Delta F/F = \pm 5\text{ppm}$ Max. (25 ± 3 °C) First year	

Other specifications will be available upon consultation.

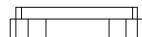
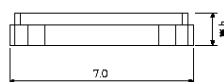
■ Dimensions(Unit:mm)

SX-7K, 7F

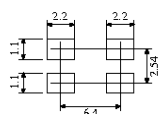
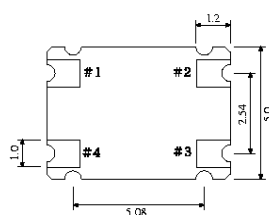
Connections (Top view)



※ 7K: 1.6 Max.
7F: 1.1 $\pm$ 0.15

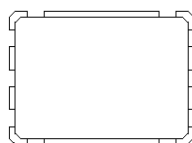


Land pattern (Example)

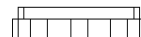
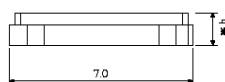


SX-7L, 7G

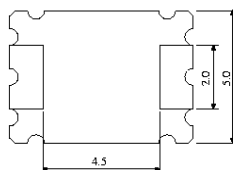
Connections (Top view)



※ 7L: 1.6 Max.
7G: 1.1 $\pm$ 0.15



Land pattern (Example)



Standard Frequency (MHz)

9.83040
12.00000
14.31818
14.74560
20.00000
24.57600
25.00000
28.63636
32.72727
33.86400
36.86880
40.00000
56.44800