

SMD Crystal UNITS 7.0*5.0*1.0mm (S7050A)

RoHS / Pb Free

Features

- ▶ Ultra-thin thickness 1.0mm.
- ▶ It is a completely sealed type with a metal case sealed on a ceramic board.
- ▶ Reflow is possible.
- ▶ RoHS compliant and lead free.

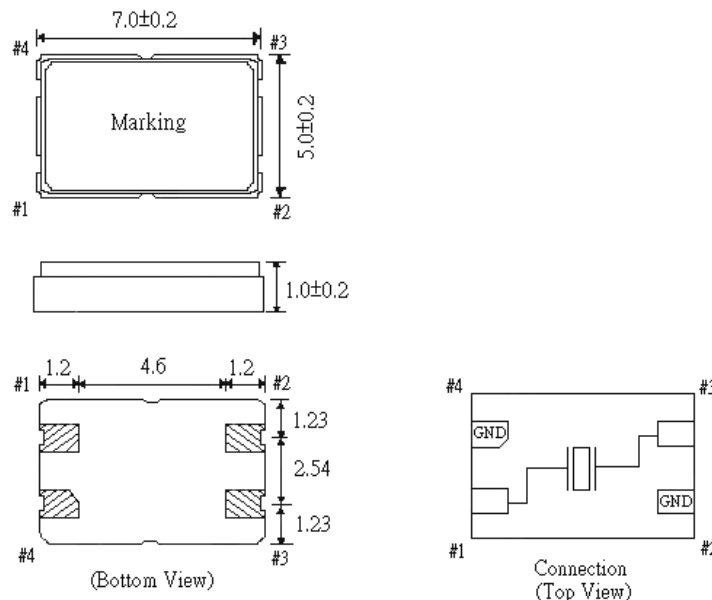
Specifications

Type		SMD Crystal UNITS 7.0*5.0*1.0mm
Freq. range	Fundamental	6.0 ~ 40.0MHz
	3rd	40.0 ~ 70.0MHz
Vibration mode		AT cut , Fundamental , 3rd
Frequency tolerance(at 25°C)		-/+10ppm , -/+30ppm , or specify
Equivalent series resistance		See table No.1
Frequency stability over operating temperature range		-/+10ppm , -/+30ppm , or specify
Operating temperature range		-10 ~ +60 °C , or specify
Drive Level		300uW Max.
Shunt capacitance		5.0pF Max.
Load capacitance		16pF, 18pF, 20pF, or specify
Aging		-/+2ppm/year , -/+5ppm/year
Min. Packing		1,000pcs/Reel

Equivalent series resistance(ESR) Table No. 1

Frequency	Mode	ESR
6.0~11.9 MHz	Fundamental	100 ohms Max.
12.0~13.9 MHz	Fundamental	60 ohms Max.
14.0~40.0 MHz	Fundamental	40 ohms Max.
40.0~70.0 MHz	3rd	50 ohms Max.

Dimensions (Unit:mm)



*Specifications described are subject to change without notice for improvement.