

SMD Crystal UNITS 3.2*2.5*0.8mm (G3225A)

Features

- ▶ Ultra-thin thickness 0.8mm.
- ▶ Automatic mounting is possible.
- ▶ High resolution frequency tolerance is obtained.
- ▶ Reflow is possible.

RoHS

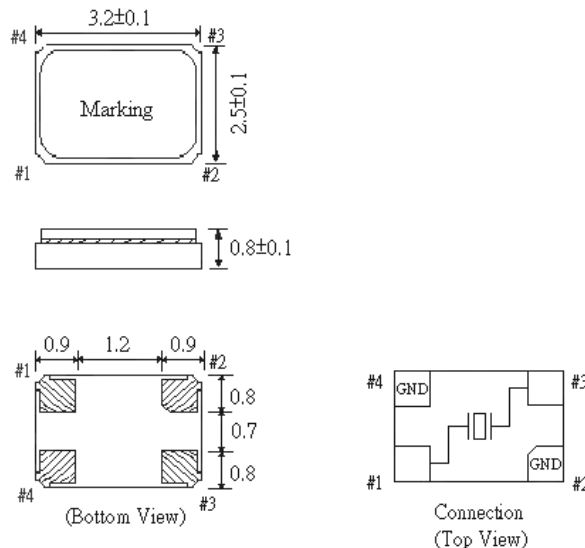
Specifications

Type	SMD Crystal UNITS 3.2*2.5*0.8mm
Freq. range	10.0 ~ 60.0MHz
Vibration mode	AT cut , Fundamental
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	200uW Max.
Shunt capacitance	3.0pF Max.
Load capacitance	8pF, 12pF, or specify
Aging	-/+2ppm/year , -/+5ppm/year
Min. Packing	3,000pcs/Reel

Equivalent series resistance(ESR) Table No. 1

Frequency	Mode	ESR
10.0MHz	Fundamental	250 ohms Max.
11.0~11.9MHz	Fundamental	150 ohms Max.
12.0~12.9MHz	Fundamental	100 ohms Max.
13.0~15.9MHz	Fundamental	80 ohms Max.
16.0~20.9MHz	Fundamental	70 ohms Max.
21.0~29.9MHz	Fundamental	60 ohms Max.
30.0~60.0MHz	Fundamental	50 ohms Max.

Dimensions (Unit:mm)



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