

# **SMD3225**







#### **Features**

- > High precision and high frequency stability;
- > Extremely good for reducing EMI effect;
- > The best choice of Bluetooth, wireless communication set, DSC, PDA, and mobile phone:
- > RoHS Compliant / Pb Free

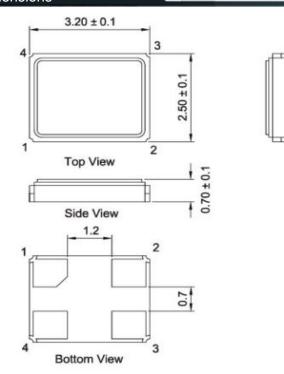
### Crystals specifications

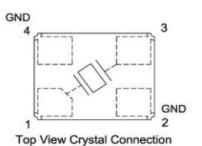
ITEMS(项目)	PARAMETER (规格说明)	
Frequency Range	10-114MHz	100 ~ 400MHz
Frequency Tolerance (at 25 °C)	+/- 30ppm , or Specify	+/- 30ppm , or Specify
Frequency Stability Over Operating Temperature Range	+/- 30ppm , or Specify	+/- 30ppm , or Specify
Operating Temperature Range	-10~70 C, or Specify	-10~70 C, or Specify
Shunt Capacitance (C0)	3pF Max.	3pF Max.
Drive Level	1-200uW (100uW typical)	400uW max
Load Capacitance	10pF, or specify	10pF, or specify
Aging (at 25 <sup>℃</sup> )	+/- 3ppm/year Max	+/- 3ppm/year Max
Storage Temperature Range	-40 ~ +85 ℃	-40 ~ +85 ℃
Packing Unit	3,000pcs/Reel	

## Equivalent Series Resistance(ESR)

Fundamental		
10-16MHZ	100 Ω Max	
16-20MHZ	80Ω Max	
20-64MHZ	60 Ω Max	
100-400MHZ	30 Ω Max	

#### Dimensions





1.4 0.8 1.4

Top View Suggested Layout