

Features

- Package: 3.2x2.5mm SMD
- Low power consumption
- Wide Temperature
- Tight tolerance and Stability

Applications

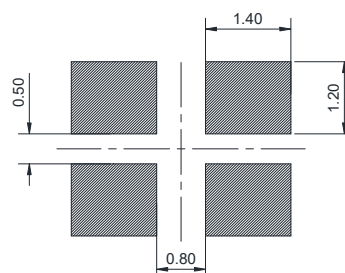
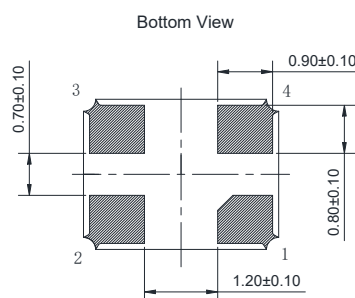
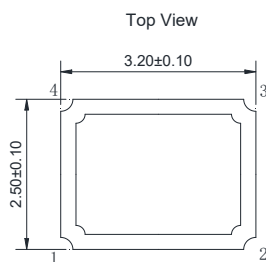
- Automotive electronics
- Smart terminals
- Smart appliances
- Communication equipment
- Security buildings
- Metering (Water , Electricity , Gas)



Standard Specifications

Parameter	Crystal SMD3225	
Frequency Range	8~60MHz	
Oscillation Mode	Fundamental	
Load Capacitance (CL)	8pF, 10pF, 12pF or specify	
Frequency Tolerance	±10ppm, or specify	
Frequency Stability	±10ppm~±50ppm	
Operating temperature	-20~70°C, -40~85°C, -40~125°C	
Drive Level (DL)	100μW Typical (300μW Max)	
Equivalent Series Resistance (ESR)	< 300Ω@ 8~10MHz	< 150Ω@10~12MHz
	< 70Ω@12~16MHz	< 40Ω@16~60MHz
Shunt Capacitance (C0)	3pF Max	
Insulation Resistance (IR)	500MΩ Min (At DC 100V)	
Aging(at 25 °C)	±3ppm/year Max	
Storage Temperature	-55~125°C	

Dimensions (Units : mm)



Pin	Function
2, 4	GND