

S3225 SMD Type Crystal

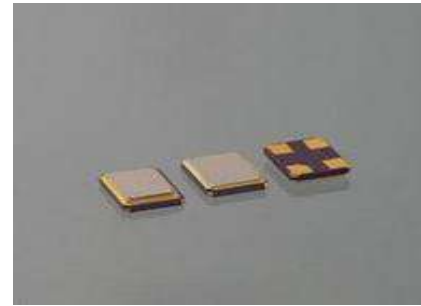
Features

Compact and thin. (3.2 × 2.5 × 0.55 mm) by seam seal

Excellent environmental characteristics,

including heat and shock resistance.

Lead-free. Meets the requirements for re-flow profiling using lead-free solder.



Specifications

Frequency Range	8.000MHz ~ 150.000MHz
Mode of Oscillation	Fundamental
Frequency Tolerance at 25°C	±30ppm Max(±5ppm, ±10ppm,±30ppm Available)
Frequency Stability Over Temperature	±30ppm Max(±10ppm,±30ppm Available)
Operating Temperature Range	-20 ~ +70°C standard, or -40 ~ +85°C Extended
Aging	± 3ppm / year Max
Load Capacitance	8pf~32pf, or series
Equivalent Series Resistance (ESR)	See Table
Shunt Capacitance	4.0pf Max
Drive Level	0.01μW ~100μw
Reflow Conditions	260°C For 10s Max, 2 Reflows Max

Resistance of series resonance (ESR)

Frequency(MHz)	Mode	Ohm Max	Frequency(MHz)	Mode	Ohm Max
8.0~9.9	Fundamental	800			
10.0~10.9	Fundamental	250	16.0~20.9	Fundamental	70
11.0~11.9	Fundamental	120	21.9~29.9	Fundamental	60
12.0~12.9	Fundamental	100	30.0~60.0	Fundamental	50
13.0~15.9	Fundamental	80	60.0~150	3rd	100

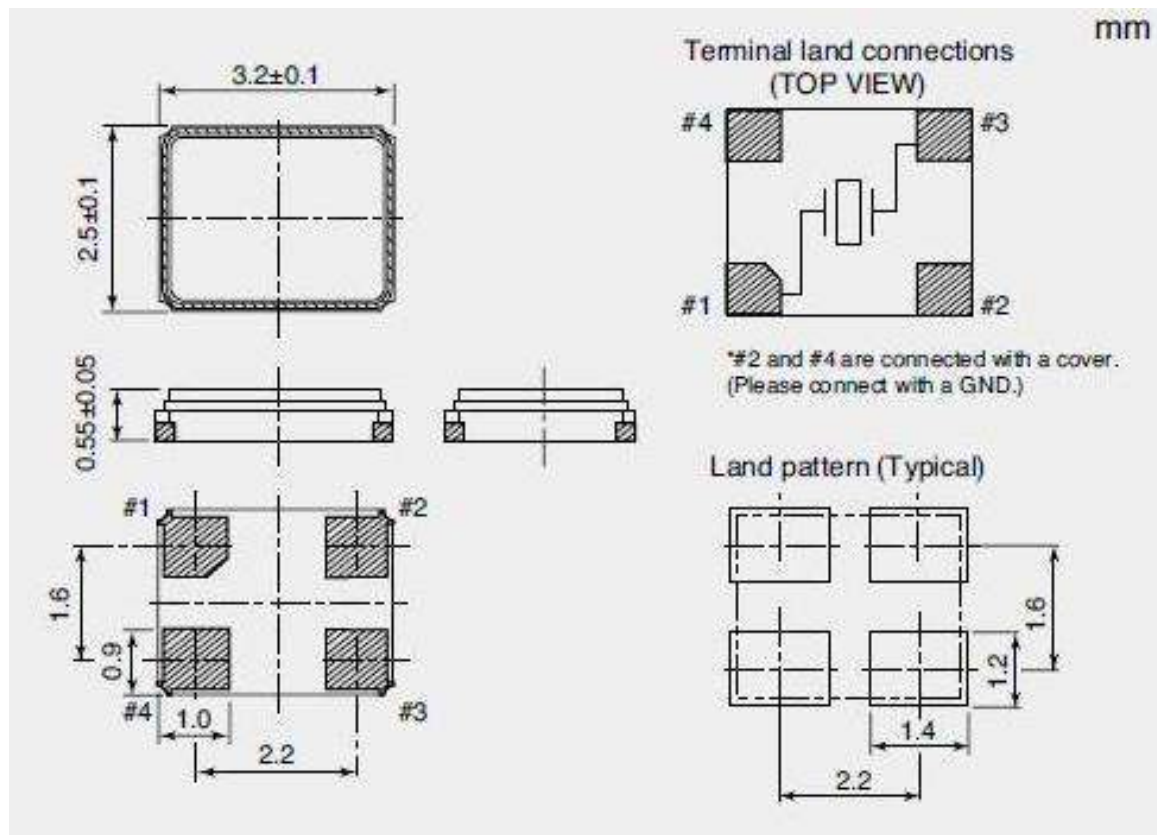
Operating Temperature Range

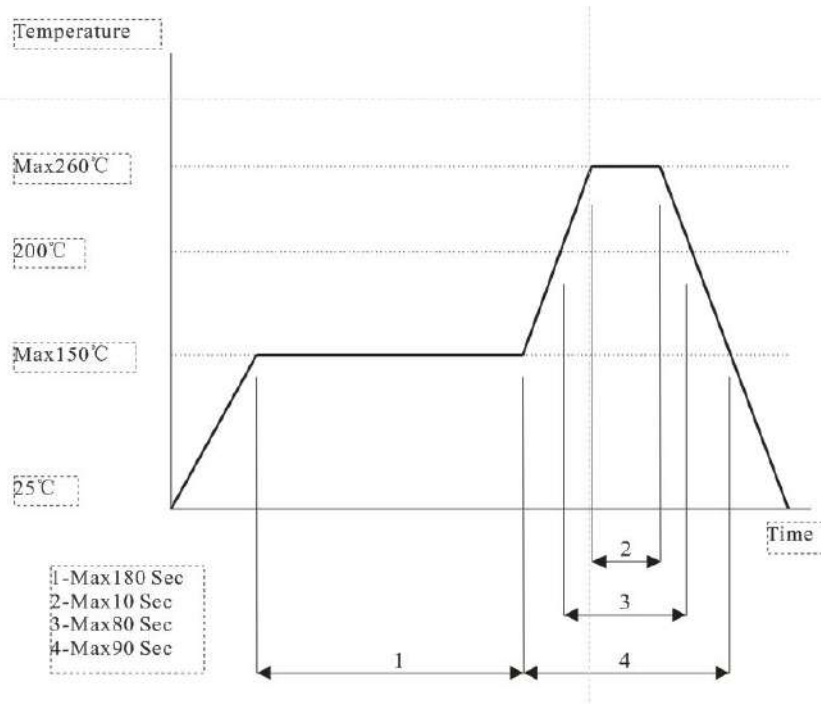
Operating Temperature Range	Frequency Stability
0 ~ +70°C	±10ppm, ±30ppm or specify
-20 ~ +70°C	±10ppm, ±30ppm or specify
-40 ~ +85°C	±10ppm, ±30ppm or specify
-40 ~ +105°C	N/A
-60 ~ +125°C	N/A

PART NO. SYSTEM

S3225-30.000M-20pF-30ppm

S	3225	30.000M	20pF	30ppm
1	2	3	4	5
EXPLANATION:				
1	STRONG LOGO			
2	3.2*2.5mm			
3	Center Frequency			
4	Load Capacitance			
5	Frequency Tolerance and Stability, for details, welcome to contact our sales and agent			

Dimensions (mm)

Soldering procedure

**Packing (3000/pcs)**