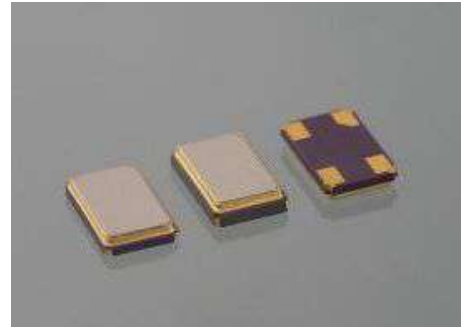


## S7050 SMD Type Crystal

### Features

- A small surface-mount type crystal unit by seam seal.
- Supports low frequencies (from 6MHz).
- Ideal for OA/AV applications and Accessories for a car.
- Excellent environmental performance, including heat and shock resistance.
- Meets the requirements for re-flow profiling using lead-free solder.



### Specifications

Frequency Range	6.000MHz ~ 70.000MHz
Mode of Oscillation	6.000MHz ~ 40.000MHz Fundamental
Frequency Tolerance at 25°C	±30ppm Max or specify(±5ppm、±10ppm、±30ppm)
Frequency Stability Over Temperature	±10ppm、±30ppm or specify
Operating Temperature Range	-20 ~ +70°C standard, or -40 ~ +85°C Extended
Storage Temperature Range	-40 ~ +85°C
Aging	± 5ppm / year Max
Load Capacitance	8pf ~ 32pf or specify
Equivalent Series Resistance (ESR)	See Table
Shunt Capacitance	5.0pf Max
Drive Level	0.01µW- 100µW
Reflow Conditions	260°C For 10s Max, 2Reflows Max

Resistance of Series Resonance (ESR)					
Frequency (MHz)	Mode	Ohm Max	Frequency(MHZ)	Mode	Ohm Max
6.000 ~11.900	Fundamental	100	14.000 ~40.000	Fundamental	40
12.000~13.900	Fundamental	60	40.000. ~70.000	Third Overtone	50

### 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	±30ppm or specify
-40 ~ +105°C	N/A
-60 ~ +125°C	N/A

**PART NO. SYSTEM**

S7050-32.000M-20pF-30ppm

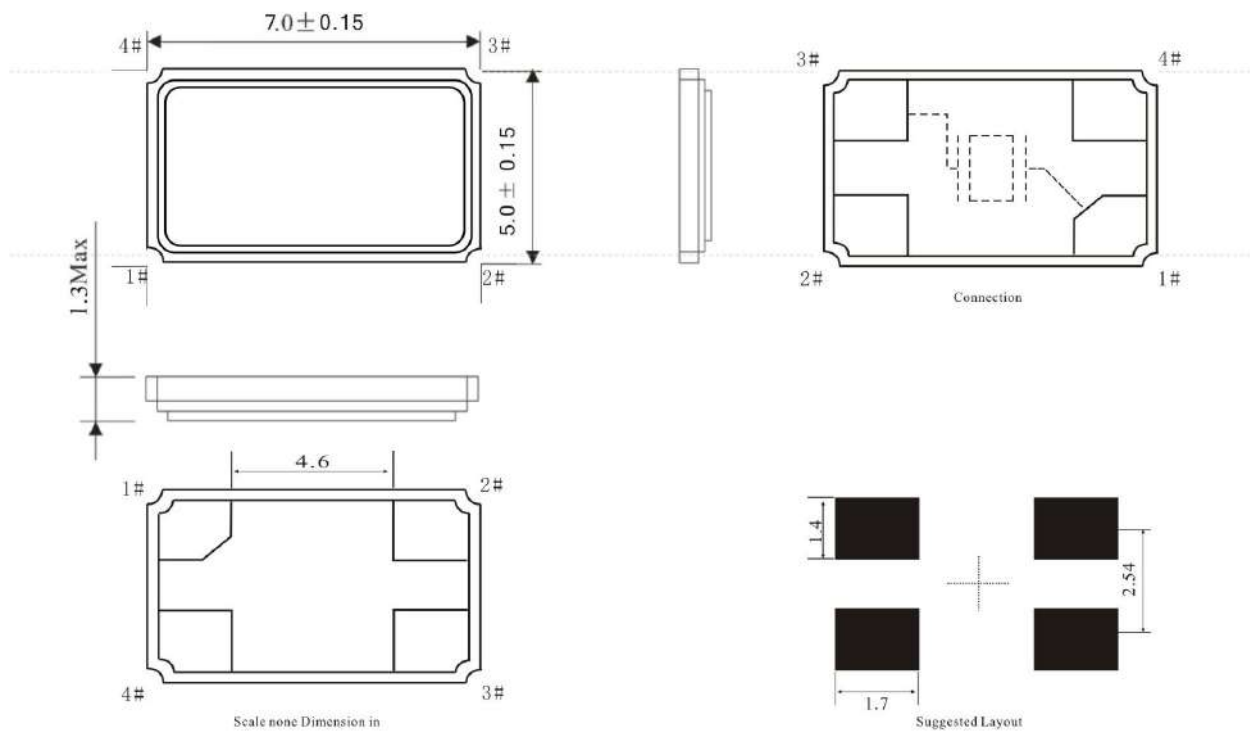
S	7050	32.000M	20pF	30ppm
1	2	3	4	5

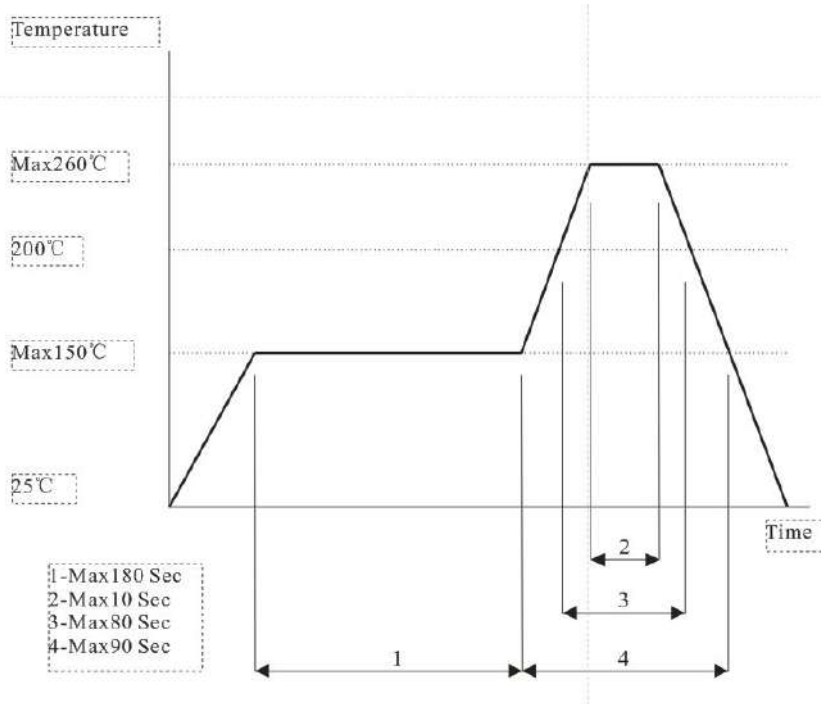
**EXPLANATION:**

1	STRONG LOGO
2	7.0*5.0mm
3	Center Frequency
4	Load Capacitance
5	Frequency Tolerance and Stability, for details, welcome to contact our sales or agent

**Dimensions (mm)**

4pad


**Soldering procedure**



**Packing ( 1000/pcs )**

