

HC-49SSMD



Size: 12.5*4.7*3.0

Features

- Height options available
- Loose or tape & reel
- Low cost
- Excellent aging

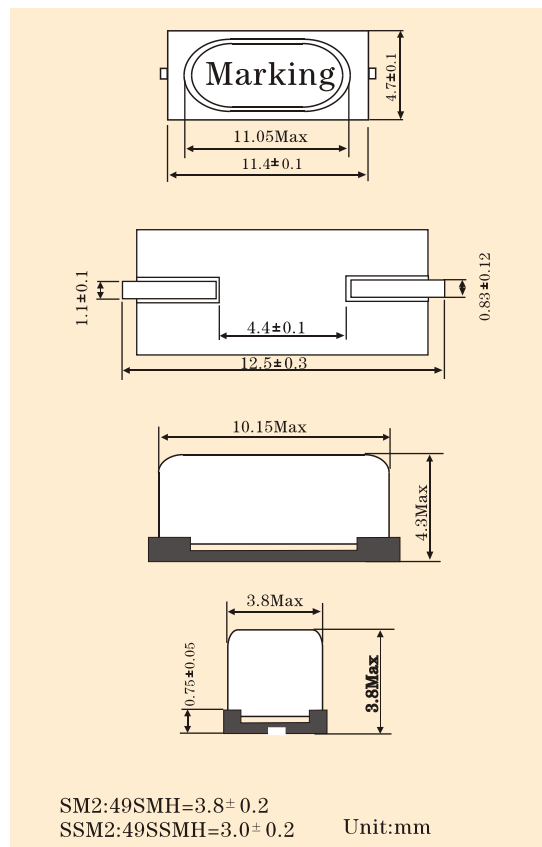
Specification (characteristics)

Frequency Range	3.200MHz~110.000MHz
Mode of Oscillation	3.200MHz~48.000MHz Fundamental 30.000MHz~110.000MHz Third Overtone
Frequency Tolerance at 25℃	±50ppm max (±5ppm, ±10ppm, ±30ppm Available)
Frequency Stability Over Temperature	±50ppm max (±5ppm, ±10ppm, ±30ppm Available)
Operating Temperature Range	-10℃~+60℃Standard, -40℃~+85℃Extended
Storage Temperature Range	-40℃~+85℃
Aging	5ppm/Year Max
Load Capacitance	8pf~32pf or Series
Shunt Capacitance	7.0pf Max
Drive Level	0.01μW~100μW
Reflow Conditions	260℃ For 10s Max, 2 Reflows Max

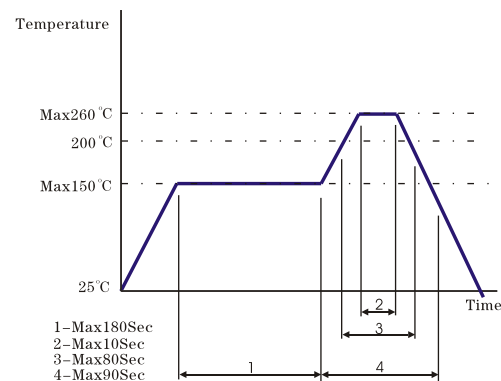
Equivalent Series Resistance(ESR)

Frequency(MHz)	Mode	Ohm Max
3.2000~4.000	Fundamental	120
4.001~8.000	Fundamental	80
8.001~30.000	Fundamental	40
30.001~50.000	Third Overtone	100
50.001~90.000	Third Overtone	80
90.001~110.000	Third Overtone	60

External Dimensions



Solder Reflow profile



Example:920A035328-1220100 HC-49SSMD,AT,7.600MHz,12pf,20ohm,±10 ppm