Crystal Resonator

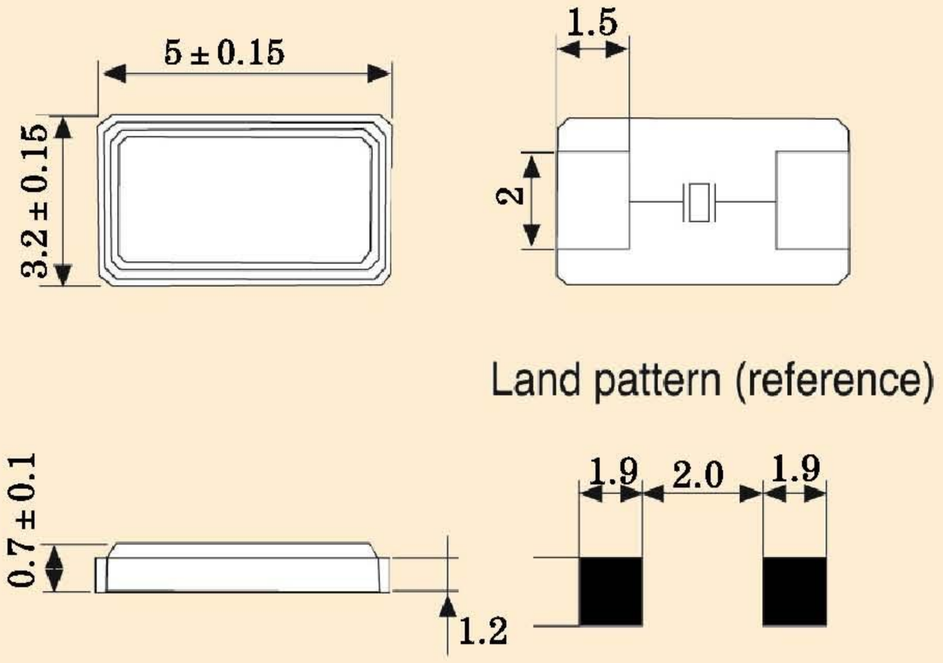
SMD5032/2p

Size:5.0*3.2*0.7

Features

- Seam welded / lower aging
- Competitively priced
- Wide frequency range
- Many specification options

External Dimensions



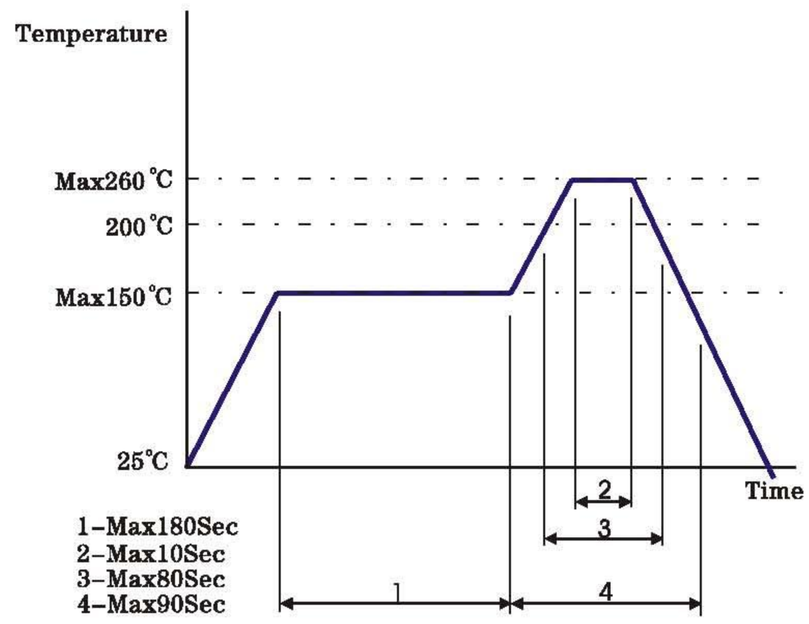
Specification (characteristics)

Frequency Range	8.000MHz~110.000MHz
Mode of Oscillation	8.000MHz~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 Temperture Range	-40℃~+85℃
Aging	±3ppm/Year Max
Load Capacitance	8pf~32pf or Series
Shunt Capaciitance	4.0pf Max
Drive Level	0.01μW~100μW
Reflow Conditions	260℃For 10s Max,2 Reflows Max

Equivalent Series Resistance(ESR)

Frequency(MHz)	Mode	Ohm Max
8.000~16.000	Fundamental	80
16.001~30.000	Fundamental	50
30.001~50.000	Third Overtone	100
50.001~110.000	Third Overtone	90

Solder Reflow profile



Example:955A012000-2040200 Seam Sealed SMD5032,2pad,14.31818MHz,20pf,400hm,±20 ppm