

Application

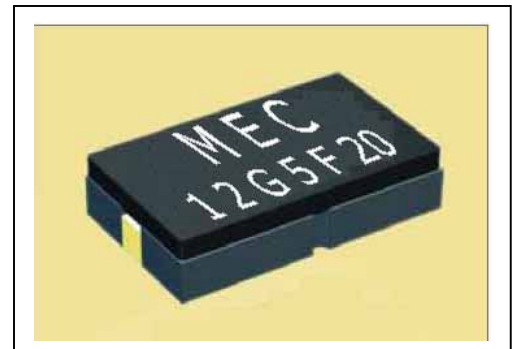
Cellular telephones, PHS, Cordless telephones and Pagers
 WLAN, Bluetooth, Hand-Held consumer products

Features

The SMD5032 is miniature and thin, ceramic glass sealed package, tight tolerance and stability reflow soldering to be possible.

Generic Specification

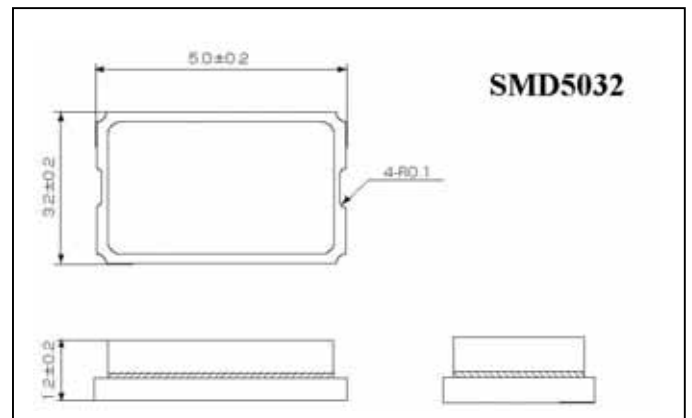
Nominal Frequency Range	10.000 -- 50.000MHz	45.000 -- 105.000MHz
Vibration Mode	Fundamental	Third Overtone
Temperature Stability at 25°C	+/-30PPM, +/-50PPM	+/-50PPM, +/-100PPM
Frequency Tolerance at 25°C	+/-30PPM, +/- 50PPM	
Load Capacitance	Series, 10pF, 12pF, 16pF, 18pF, 20pF	
Operating Temperature Range	-10°C -- +60°C; -20°C -- +70°C; -30°C -- +80°C	
Storage Temperature Range	-40°C -- +85°C	
Drive Level	10uW (100uW max.)	
Aging Rate at 25°C	+/-5PPM per year Max	



External Dimension (Unit: mm)

Frequency Range and ESR

Nominal Frequency Range	AT cut Fundamental	AT cut Third Overtone
	Equivalent Series Resistance	
10.000 -- 15.999MHz	60 Ohm Max	
16.000 -- 50.000MHz	50 Ohm Max	
45.000 -- 105.000MHz		90 Ohm Max



Internal Connections and Soldering Land Pattern

