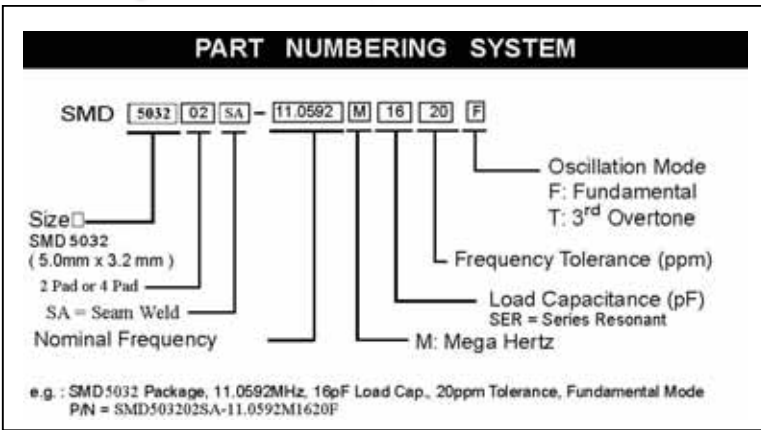




SMD5032 SEAM WELD TYPE CRYSTAL RESONATOR



Application

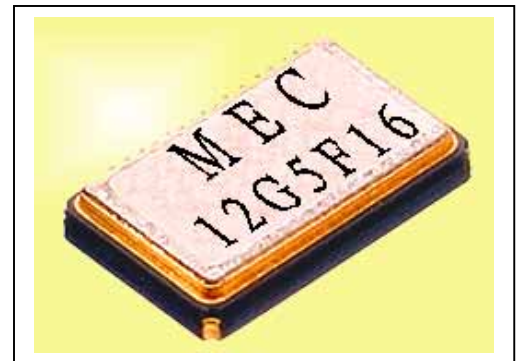
Mobile Phone, Wireless LAN, Audio Equipment
 PCMCIA card, Disc Drive, Hand-held products,
 Notebook Computer, Bluetooth, Mp3 Player.

Features

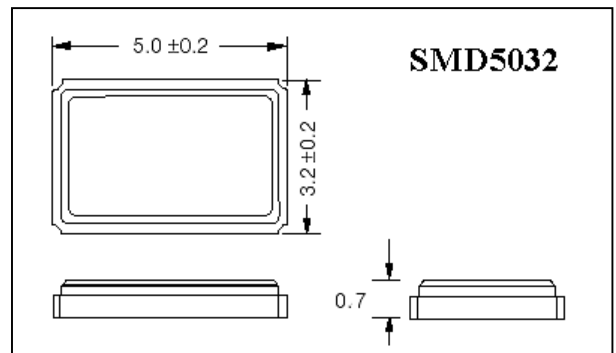
The SMD5032 is miniature and thin, ceramic Seam weld package, Lead-free, tight tolerance, and stability, reflow soldering to be possible.

Generic Specification

Nominal Frequency Range	10.000MHZ — 50.000MHZ
Vibration Mode	Fundamental
Temperature Stability at 25°C	+/-10PPM @-10°C — +60°C ; +/-15PPM @ -30°C — +85°C
Frequency Tolerance at 25°C	+/-10PPM, +/-20PPM, +/- 30PPM
Load Capacitance	Series, 10pF, 12pF, 16pF, 18pF, 20pF
Operating Temperature Range	-10°C — +60°C ; -20°C — +70°C; -30°C — +85°C
Storage Temperature Range	-40°C — +85°C
Drive Level	10uW (100uW max.)
Aging Rate at 25°C	+/- 3 PPM per year Max



External Dimension (Unit: mm)



Frequency Range and ESR

Nominal Frequency Range	Fundamental, AT cut
	Equivalent Series Resistance
10.000 MHz -- 19.999MHz	100 Ohm Max
20.000 MHz -- 26.999MHz	80 Ohm Max
27.000 MHz -- 50.000MHz	50 Ohm Max

Internal Connections and Soldering Land Pattern

