

Application

Mobile Phone, Wireless LAN, Audio Equipment
PCMCIA card, Disc Drive, A/V card,
Notebook Computer, Bluetooth, Mp3 Player.

Features

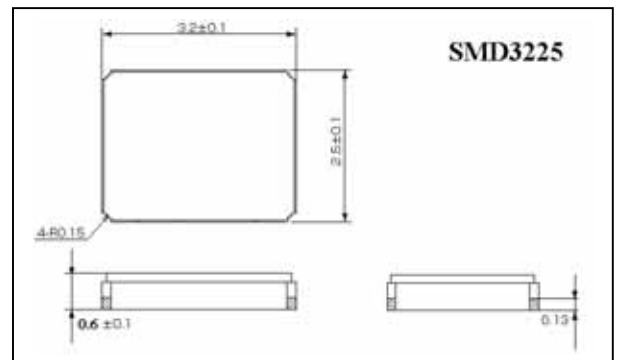
The SMD3225 is miniature and thin, ceramic SEAM weld package, Lead-free, tight tolerance, and stability, reflow soldering to be possible.

Generic Specification

Nominal Frequency Range	13.000MHZ — 50.000MHZ
Vibration Mode	Fundamental
Temperature Stability at 25°C	+/-10PPM, +/-15PPM, +/-30PPM
Frequency Tolerance at 25°C	+/-10PPM, +/-30PPM, +/- 50PPM
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
13.000 -- 18.999MHz	100 Ohm Max
19.000 -- 29.999MHz	80 Ohm Max
30.000 -- 50.000MHz	60 Ohm Max

Internal Connections and Soldering Land Pattern

