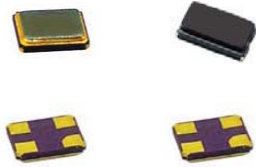


# KC3 / KC3G



- KC3 : SMD 3.2x2.5mm Metal Lid (Seam Sealing)
- KC3G : SMD 3.2x2.5mm Ceramic Lid (Glass Sealing)
- Miniature and lightweight SMD crystal resonator.
- High precision and high reliability.
- Nominal frequency range : 12.000MHz to 54.000MHz.
- Operation mode : Fundamental.
- Applications : Mobile phone, Bluetooth, W-LAN, ISM band radio, Clock for MPU.

## Standard Specification

Frequency range	12.000MHz to 54.000MHz
Operation mode	Fundamental
Motional resistance (ESR)	As per below table
Load capacitance (CL)	Standard ( 9pF, 12pF, 16pF ), user spec
Level of drive (DL)	10μW(std), 500μW Max
Frequency tolerance (25°C)	± 30ppm Max, user spec
Temperature stability	± 50ppm Max, user spec
Operating temperature range	-10°C to +70°C(std), -40°C to +85°C
Storage temperature range	-45°C to +100°C
Aging (Initial first year)	± 3ppm Max

## Motional resistance (ESR)

Frequency (MHz)	12.000 ≤ f < 16.000	16.001 ≤ f < 26.000	26.001 ≤ f < 54.000
CI (Ω)	100	70	50
Operation mode	Fundamental		

## Dimensions (mm)

