

CRYSTAL UNIT

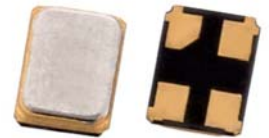
KLS14-MC1612

Application

- Bluetooth / Wireless LAN

Features

- Dimensions (1.6×1.2×0.35)
- Ceramic Package
- Hight Reliability and High Stability



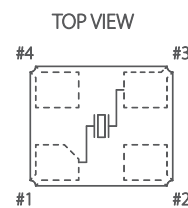
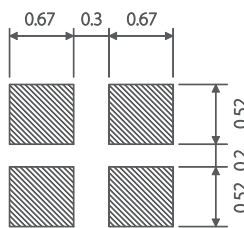
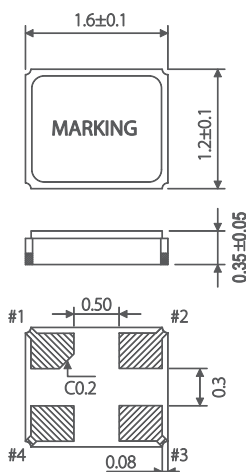
Specifications



Model	KLS14-MC1612	
Nominal frequency range	24.000~54.000 MHz	
Crystal cut	Fundamental [AT-cut]	
Storage temperature range	-40°C~+85°C	
Operating temperature range	-20°C~+70°C	-30°C~+85°C
Frequency temperature characteristics (Ref. to +25°C)	±15×10 ⁻⁶	±25×10 ⁻⁶
Frequency tolerance (at +25°C)	±15×10 ⁻⁶	
Equivalent series resistance	100Ω: 24.000~29.999 MHz	80Ω: 30.000~54.000 MHz
Load capacitance	8pF	
Shunt capacitance	3pF max.	
Level of drive	10μW (100μW max.)	

Package quantity: 3,000pcs /Reel

Outline and Dimensions [unit:mm]



- #1, #3 : Crystal terminal
- #2 : GND(Connected to cover)
- #4 : NC
(Please connect it with GND.)

Example of a Terminal Land Pattern

ORDER INFORMATION

L-KLS14- MC1612 - XXXX-XX-XX-X

Operating Temperature:	B: -20°C~+70°C C: -30°C~+85°C
Frequency Tolerance:	15=15ppm
Load Capacitance:	08=8pF
Frequency:	24.000=24.000MHz
RoHS	