

CRYSTAL UNIT

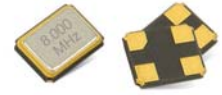
KLS14-MC3225

Application

- OA / AV Machine / Bluetooth / Wireless LAN

Features

- Ultra thin/Dimensions (3.2×2.5×0.8)
- Ceramic Package
- Vacuum Seam Sealed
- Tight Tolerance and Stability
- Compliant products with AEC-Q200



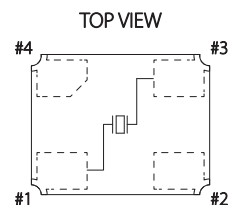
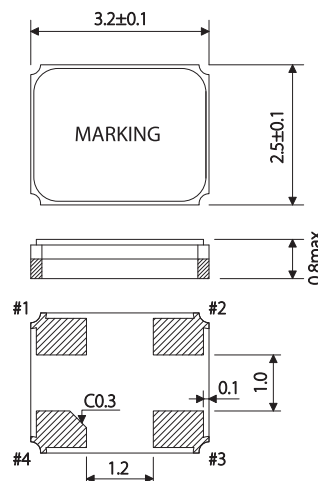
Specifications

Model	KLS14-MC3225	
Nominal frequency range	10.000~54.000 MHz	54.000~125.000 MHz
Crystal cut	Fundamental [AT-cut]	3rd overtone [AT-cut]
Storage temperature range	-40°C~+85°C	
Operating temperature range	-10°C~+60°C	-30°C~+85°C
Frequency temperature characteristics (Ref. to +25°C)	±10×10 ⁻⁶	±15×10 ⁻⁶
Frequency tolerance (at +25°C)	±10×10 ⁻⁶	
Equivalent series resistance	Please Refer to the Following ESR Table	
Load capacitance	Series, 10pF, 12pF, 16pF	
Shunt capacitance	5pF max.	
Level of drive	10μW (100μW max.)	

Package quantity: 3,000pcs /Reel

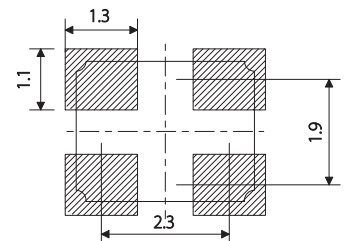
Frequency	ESR(Ω)
Fundamental	
10.000~ 15.999	100
16.000~ 18.999	80
19.000~ 29.999	60
30.000~ 54.000	40
3rd overtone	
54.000~ 125.000	100

Outline and Dimensions [unit:mm]



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

Example of a Terminal Land Pattern



ORDER INFORMATION

L-KLS14- MC3225 - XXXX-XX-XX-X

