

# CRYSTAL UNIT

## KLS14-GC3225

### Application

- Computer Clocks / DVC / DSC / OA / AV Machine

### Features

- Dimensions (3.2×2.5×0.8)
- Ceramic Package
- Glass Sealed
- Tight Tolerance and Stability
- Compliant products with AEC-Q200



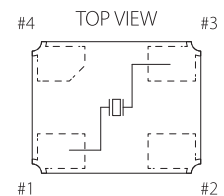
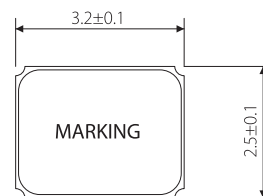
### Specifications

Model	KLS14-GC3225	
Nominal frequency range	10.000~54.000 MHz	
Crystal cut	Fundamental [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)	±30×10 <sup>-6</sup>	±50×10 <sup>-6</sup>
Frequency tolerance (at +25°C)	±10×10 <sup>-6</sup>	
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.)	

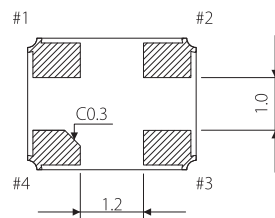
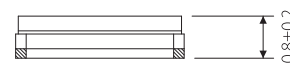
Package quantity: 3,000pcs /Reel

Frequency	ESR(Ω)
Fundamental	
10.000~12.999	200
13.000~13.999	150
14.000~15.999	120
16.000~18.999	100
19.000~29.999	80
30.000~54.000	60

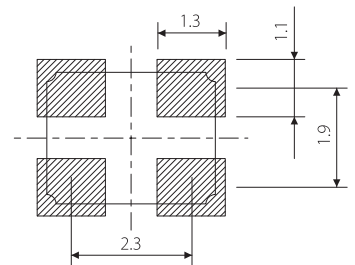
### Outline and Dimensions [unit:mm]



- #1,#3 : Crystal terminal / #2,#4 : NC



Example of a Terminal Land Pattern



### ORDER INFORMATION

L-KLS14- GC3225 - XXXX-XX-XX-X

- Operating Temperature: A: -10°C~+60°C  
C: -30°C~+85°C
- Frequency Tolerance: 10=10ppm
- Load Capacitance: 12=12pF
- Frequency: 16.000=16.000MHz
- RoHS