

# CRYSTAL UNIT

## KLS14-MC5032

### Application

- Cellular / PHS / Cordless Telephones / Pagers

### Features

- Ultra thin/Dimensions (5.0×3.2×0.7)
- Ceramic Package
- Vacuum Seam Sealed
- Tight Tolerance and Stability
- Compliant products with AEC-Q200



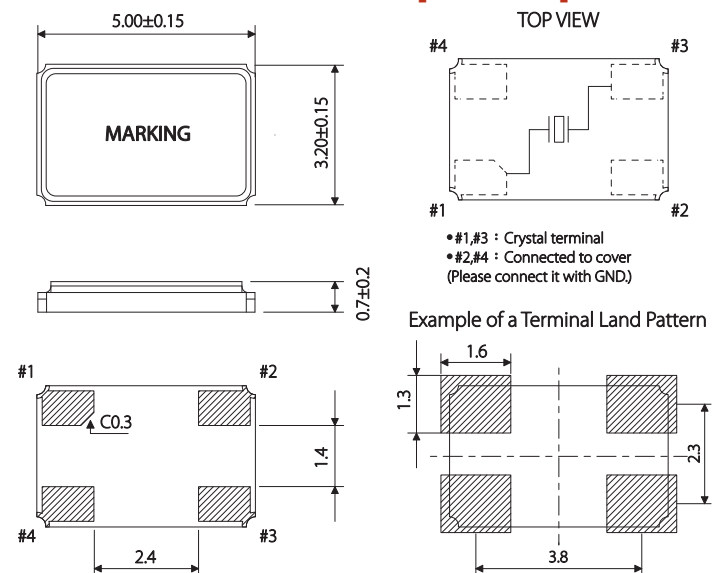
### Specifications

Model	KLS14-MC5032	
Nominal frequency range	8.000~54.000 MHz	40.000~100.000 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)	$\pm 10 \times 10^{-6}$	$\pm 15 \times 10^{-6}$
Frequency tolerance (at +25°C)	$\pm 10 \times 10^{-6}$	
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.)	

Frequency	ESR(Ω)
Fundamental	
8.000~ 10.999	60
11.000~ 11.999	50
12.000~ 24.999	40
25.000~ 54.000	30
3rd overtone	
40.000~ 59.999	120
60.000~ 100.000	80

Package quantity: 1,000pcs /Reel

### Outline and Dimensions [unit:mm]



### ORDER INFORMATION

L-KLS14- MC5032 - XXXX-XX-XX-X

