

CRYSTAL OSCILLATOR

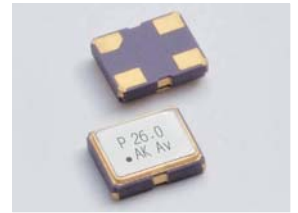
KLS14-OSC3225

Application

- Mobile phone / Wireless-LAN / PC-Card / DVD / DVC / DSC etc..

Features

- Dimensions (3.2×2.5×0.9)
- Ceramic Package
- Low Current Consumption
- CMOS Output / With Tri-state Function
- Enable / Disable Feature



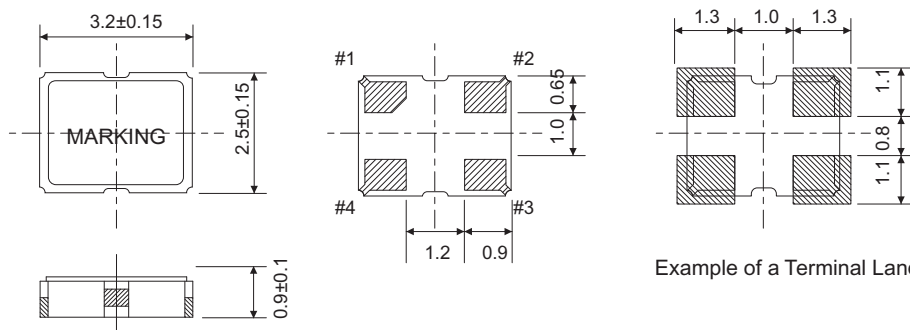
Specifications



Model	KLS14-OSC3225		
Nominal frequency range	0.625~80.000 MHz		0.625~50.000 MHz
Output Level	C-MOS		
Storage temperature range	-55°C~+100°C		
Operating temperature range	-40°C~+85°C		
Current Consumption	7 mA max: ~20MHz 13 mA max: ~40MHz 19 mA max: ~60MHz 24 mA max: ~75MHz	5 mA max: ~20MHz 9 mA max: ~40MHz 11 mA max: ~60MHz 14 mA max: ~75MHz	2.5 mA max: ~20MHz 3.0 mA max: ~40MHz 3.5 mA max: ~50MHz
Power Supply Voltage (Vdd)	+3.3V DC ±5%	+2.5V DC ±5%	+1.8V DC ±5%
Frequency Stability	±30×10 ⁻⁶ , ±50×10 ⁻⁶		
Load capacitance	15pF max.		
Output Voltage Level	V _{OL} : 10%Vdd max. / V _{OH} : 90%Vdd min.		
Rise & Fall Time	10ns max. 0.1Vdd~0.9Vdd		
Duty Cycle	45%~55% at 1/2Vdd		40%~60% at 1/2Vdd

Package quantity: 3,000pcs /Reel

Outline and Dimensions [unit:mm]



Example of a Terminal Land Pattern

Terminal	Connection
#1	Tri-state
#2	GND
#3	OUTPUT
#4	Vdd

Tri-state Function

Tri-state Pin	Output
High or Floating	Active
Low	Hi-impedance

ORDER INFORMATION

L-KLS14-OSC3225 - XXXX-XXX-XX-X

Operating Temperature:	C: -40°C~+85°C
Frequency Tolerance:	30=30ppm 50=50ppm
Voltage:	033=+3.3VDC 025=+2.5VDC 018=+1.8VDC
Frequency:	24.000=24.000MHz
RoHS	