

CRYSTAL OSCILLATOR

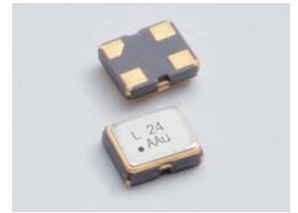
KLS14-OSC2520

Application

- Cellular / PC Mainboard / VGA Card / DVD / Scanner / Game Console / DSC

Features

- Dimensions (2.5×2.0×0.8)
- Ceramic Package
- Low Power Consumption
- Wide Range Operating Temperature



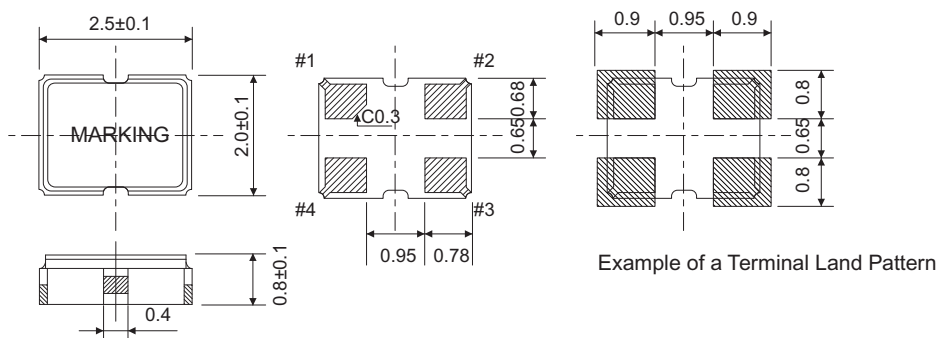
Specifications



Model	KLS14-OSC2520			
Nominal Frequency Range	0.750~60.000 MHz			
Output Level	C-MOS			
Storage Temperature Range	-55°C~+100°C			
Operating Temperature Range	-40°C~+85°C			
Current consumption	6.0 mA max: ~19.0MHz 7.0 mA max: ~39.9MHz 8.0 mA max: ~50.0MHz	5.5 mA max: ~19.9MHz 6.5 mA max: ~39.9MHz 7.5 mA max: ~50.0MHz	4.5 mA max: ~19.9MHz 5.5 mA max: ~39.9MHz 6.5 mA max: ~50.0MHz	2.5 mA max: ~29.9MHz 3.0 mA max: ~39.9MHz 3.5 mA max: ~50.0MHz
Power Supply Voltage (Vdd)	+3.3V DC ±5%	+3.0V 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			

Package quantity: 3,000pcs /Reel

Outline and Dimensions [unit:mm]



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-OSC2520 - XXXX-XXX-XX-X

Operating Temperature:	C: -40°C~+85°C			
Frequency Tolerance:	30=30ppm	50=50ppm		
Voltage:	033=+3.3VDC	030=+3.0VDC	025=+2.5VDC	018=+1.8VDC
Frequency:	24.000=24.000MHz			
RoHS				