

### Application

- Set-top Box / MPEG / ADSL / Frequency Transmission

### Features

- Dimensions (5.0×3.2×1.1)
- Ceramic SMD Package / Seam sealed
- Low control voltage and CMOS Output
- CMOS / TTL Output with Tri-state function
- Reow soldering / Emboss taping / Wide pulling range



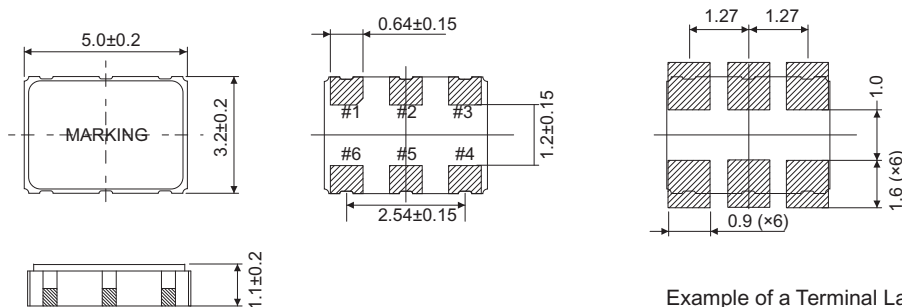
### Specifications



Model	KLS14-OV5032
Nominal frequency range	1.500~60.000 MHz
Output Load	C-MOS (15pF)
Storage temperature range	-55°C~+125°C
Operating temperature range	-40°C~ +85°C
Current Consumption	10 mA max. (F≤20MHz) 15 mA max. (20-30MHz) 20 mA max. (> 30MHz) 25 mA max. (> 40MHz)
Power Supply Voltage (Vdd)	+3.3V±10%
Frequency Stability	±30×10 <sup>-6</sup> , ±50×10 <sup>-6</sup>
Phase noise	-130dBc / Hz max. (at 1kHz)
Output Voltage Level	V <sub>OL</sub> :10%Vdd max. / V <sub>OH</sub> :90%Vdd min.
Rise & Fall Time	6ns max. / 0.1Vdd - 0.9Vdd
Duty Cycle	45%~55% at 1/2Vdd
Tri-state Function	#2:N.C. or "H"→Output enable / #2:"L"→Hi-Z (Output disable)

### Outline and Dimensions [unit:mm]

Package quantity: 1,000pcs /Reel



Terminal	Connection
#1	Vcont
#2	CE
#3	GND
#4	OUTPUT
#5	N.C.
#6	Vdd

Example of a Terminal Land Pattern

### ORDER INFORMATION

L-KLS14-OV5032 - XXXX-XXX-XX-X

