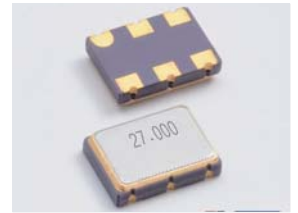


Application

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

Features

- Dimensions (7.0×5.0×1.6)
- 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



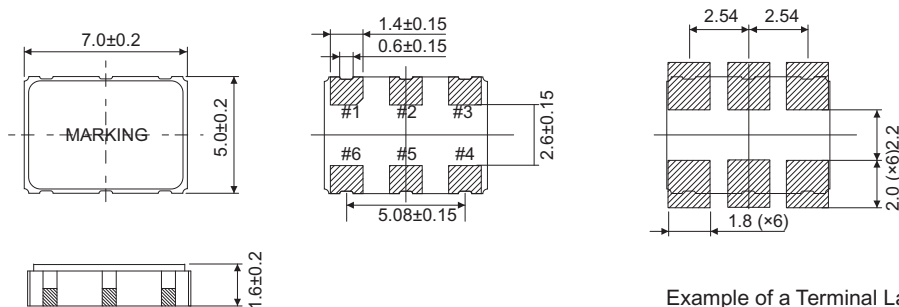
Specifications



Model	KLS14-OV7050
Nominal frequency range	1.500~54.000 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	±30x10 ⁻⁶ , ±50x10 ⁻⁶
Phase noise	-130dBc / Hz max. (at 1kHz)
Output Voltage Level	V _{OL} :10%Vdd max. / V _{OH} :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-OV7050 - XXXX-XXX-XX-X

Operating temperature:	-40°C~ +85°C
Frequency Tolerance:	30=30ppm 50=50ppm
Voltage:	033=+3.3VDC
Frequency:	24.000=24.000MHz
RoHS	