

OVEN CONTROLLED CRYSTAL OSCILLATOR **KLS14-OX1490**

Application

- Base station / Synthesizer / Digital switch / Measuring equipment / etc

Features

- Dimensions (14.3×9.3×6.5)
- Automatic Mounting and Reflow Soldering
- Stratum 3 (Overall ±4.6ppm including 20year aging.)

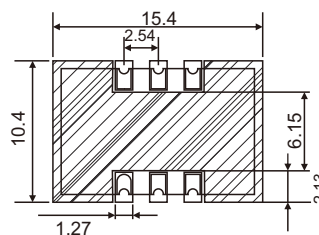
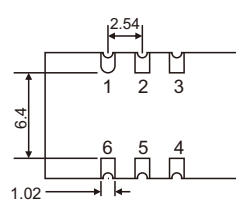
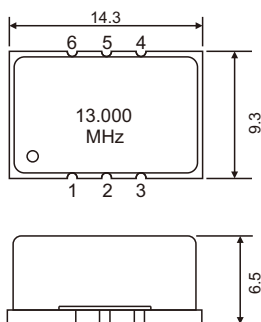


Specifications



Model		KLS14-OX1490
Frequency Range		5.000~40.000 MHz
Output Load		HC-MOS (15pF)
Output Wave Form		Rectangular
Operating temperature range		-30°C~ +70°C
Power Supply Voltage (Vdd)		+3.3V / +5.5V
Frequency Stability	Tolerance	±30ppm
	vs Temperature	±30ppm
	vs Supply Voltage	±5ppm max.
	vs Aging	±0.2ppb/Days, ±0.4ppm/Year, ±2.0ppm/10 Years Max.
Phase noise @20MHz		-98dBc/Hz Typ.(at 10Hz),-126dBc/Hz Typ.(at 100Hz),-145dBc/Hz Typ.(at 1KHz)
Voltage Vol(Max.) /Voh (Min.)		10%Vcc / 90%Vcc max.
Spurious		-60dBC Max.
Duty Cycle		45%~55%
Power Consumption (Steady state)		0.6W Max.

Outline and Dimensions [unit:mm]



Top View Suggested Layout

Terminal	Connection
#1	Vco Input/NC
#2	CE/NC
#3	0 Volts & Case
#4	R.F. OUTPUT
#5	N.C.
#6	Vdd

ORDER INFORMATION

L-KLS14-OX1490 - XXXX- XXX-XX-B

Operating temperature:	-30°C~ +70°C
Frequency Tolerance:	30=30ppm
Voltage:	033=+3.3VDC 055=+5.5VDC
Frequency:	24.000=24.000MHz
RoHS	