

Application

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

Features

- Dimensions (25.4×22.1×11)
- Automatic Mounting and Reflow Soldering
- Low Phase Noise

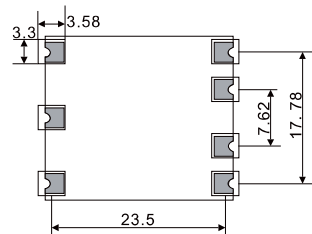
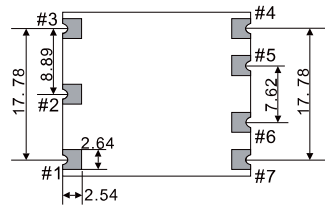
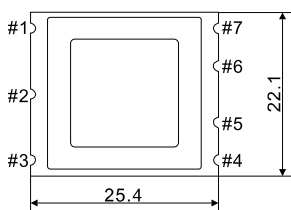


Specifications



Model		KLS14-OX2522
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	±10ppm
	vs Temperature	±10ppm
	vs Supply Voltage	±0.5ppm max.
	vs Aging	±0.5ppm/Days, ±50ppm/Year, ±0.4ppm/10 Years Max.
Phase noise @20MHz		-120dBc/Hz (offset 10Hz), -135dBc/Hz (offset 100Hz), -145dBc/Hz (offset 1KHz)
Voltage Vol(Max.) /Voh (Min.)		10%Vcc / 90%Vcc max.
Spurious		-60dBC Max.
Duty Cycle		45%~55%
Power Consumption (Steady state)		1.2W Max.

Outline and Dimensions [unit:mm]



Terminal	Connection
#1	Vco Input/NC
#2	Reference voltage/NC
#3	+Vdd
#4	R.F. Output
#5	Oven Monitor/N.C.
#6	0 Volts & Case
#7	0 Volts & Case

Solder Pad Layout



ORDER INFORMATION

L-KLS14-OX2522 - XXXX-XXX-XX-B

Operating temperature:	-30°C~ +70°C
Frequency Tolerance:	10=10ppm
Voltage:	033=+3.3VDC 055=+5.5VDC
Frequency:	24.000=24.000MHz
RoHS	