

■ LV-PECL VCXO 6PAD 5.0x3.2

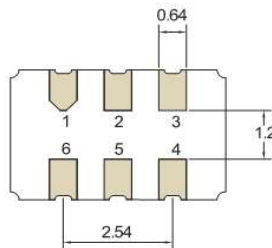
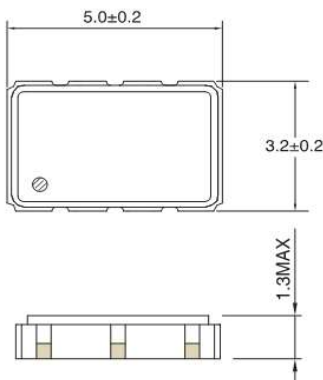
- Miniature Ceramic Surface Mount package
- Wide pulling range and Low phase noise
- Fundamental crystal design

● Applications : Telecommunications, Network equipment

■ Standard Specification

Frequency range	10MHz to 250MHz	
Supply voltage	3.3V	
Pin1 Control Voltage	1.65V±1.35V	
Frequency Pull Range	±50ppm Min or please specify	
Linearity	10% Max	
Frequency slope	Positive	
Current consumption	90mA Max or please specify	
Frequency Stability	±25ppm, ±50ppm, ±100ppm	
Operating Temperature Range	-20 to 70°C, -40 to 85°C	
Storage Temperature Range	-55 to 125°C	
Output load condition	50 Ω (connected to Vdd-2.0V)	
Symmetry (Duty)	50% ±10%	
Output rise and fall time (Tr /Tf)	1ns Max	
Output high level	2.215V ~ 2.420V (3.3V Vdd)	
Output low level	1.470V ~ 1.745V (3.3V Vdd)	
Pin 2	Enable input voltage	70% Vdd Min or N.C
Function	Disable input voltage	30% Vdd Max
Oscillation start up time	5ms Max	
Aging (Initial first year)	± 3ppm Max	
Phase jitter (12KHz ~ 20MHz)	89 fs typ at 122.88MHz (3.3V)	

■ Dimensions (mm)



CONNECTION

- #1 V.C
- #2 Tri-State
- #3 GND
- #4 OUTPUT
- #5 COMP-OUTPUT
- #6 Vdd

• Recommended Soldering Pattern

