



■ LVPECL SMD VCXO 7.0×5.0mm

- Differential output LVPECL
- Available 3-State function
- Low jitter
- Mode : Fundamental, Multi

■ Applications : Radio transmitter - receiver equipment. Optical transmission device, Digital image devices.

■ Standard Specification



Frequency Range	1.000MHZ to 65.000MHZ (Fund)		0.75MHZ to 800.000MHZ (multi)
Supply voltage	2.5V, 3.3V		3.3V
Pin 1 Control voltage	1.25V±1.05V (1.25V)		1.65V±1.35V (1.65V)
Frequency Deviation	±100ppm min		
Linearity	10% max		
Slope	Positive		
Current consumption	80mA max		
Temperature Range	Operating	-40°C to +85°C, User spec	
	Storage	-55°C to +125°C	
Frequency Stability	±50ppm max, User spec		
Output load condition	50Ω to Vdd-2.0V		
Symmetry (Duty)	45% to 55%		
Output rise and fall time (tr/tf)	1ns max (20% ~ 80% Ouput Level)		
OE High / OE Low	0.7Vdd min / 0.3Vdd max		
High output voltage	Vdd - 1.81V ~ Vdd - 0.88V		
Low output voltage	Vdd - 1.025V~Vdd - 1.62V		
Pin 2 Input voltage	No Connection (Default)		
Pin 2 Input voltage	70% Vdd min (Output enable)		
Pin 2 Input voltage	30% Vdd max (Output disable)		
Oscillation start up time	5ms max		
Aging	± 3ppm max		
phase Jitter (12KHZ ~20MHz)	1ps max	4ps max	

■ Dimensions (mm)

