



■ SMD VCXO 3.2×2.5mm (4PAD)

- Wide Frequency & Voltage range
- Available 3-State function
- Available wide pull-range
- Excellent heat resistance, high precision, and high stability.
- Nominal frequency range : 1.25MHz to 55MHz
- Mode : Fundamental

■ Applications : DVD, STB, Digital TV, PND, Media player, Optical transmission device etc.

■ Standard Specification

Frequency Range	1.25MHZ to 55.000MHZ		
Supply voltage	1.8V	2.5V	3.3V
Pin 1 Control voltage	0.9V±0.75V (0.9V)	1.25V±1.05V (1.25V)	1.65V±1.35V (1.65V)
Frequency Deviation	±100ppm min (STD), ±150ppm min (option)		
Linearity	10% max		
Slope	Positive		
Current consumption	10mA 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	CMOS 15pF		
Symmetry (Duty)	45% to 55%		
Output rise and fall time (tr/tf)	5ns max		
High output voltage (CMOS)	90% Vdd		
Low output voltage (CMOS)	10% Vdd		
Pin 2 Input voltage	No Connection (Enable Output)		
Pin 5 Input voltage	70% Vdd min (Output enable)		
Pin 5 Input voltage	30% Vdd max (Output disable)		
Oscillation start up time	5ms max		
Aging	± 3ppm max		
phase Jitter (12KHZ ~20MHZ)	100ps max		
Period Jitter (Pk-Pk)	25ps max		

■ Dimensions (mm)

