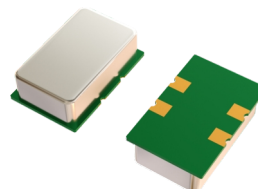


14 X9 mm High Frequency Very Low Noise/Low g-Sensitivity VCXO

Feature

- Typical 14 x 9 x 3.6mm SMD package
- High frequency high performance VCXO
- High frequency and very low phase noise/Low g-Sensitivity
- Low Power Consumption

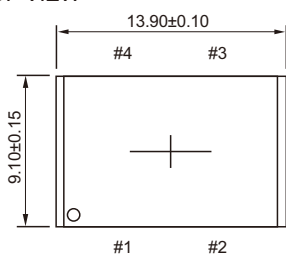


Electrical Specifications

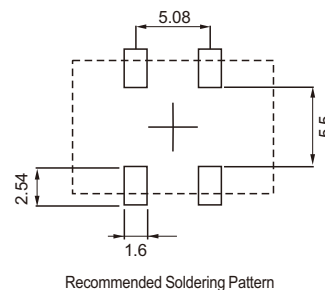
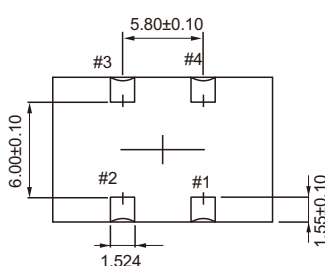
Parameter	5.0V		3.3V		Unit
	Min.	Max.	Min.	Max.	
Supply Voltage Variation(V _{DD})	4.75	5.25	3.135	3.465	V
Frequency Range	50	125	50	125	MHz
Frequency Stability (Overall)	-25	+25	-25	+25	ppm
Standard Frequency	100,122.88,125				MHz
Absolute Pulling Range (APR)	±30		±25	-	ppm
Control Voltage Range	0	5.0	0	3.3	V
Waveform	Sine Wave		CMOS		
Level (CMOS)	V _{oL}	For CMOS	0.5		V
	V _{oH}		4.5		
Duty Cycle	45		55	%	
Transition Time: Rise/Fall Time +			3	nSec	
Load			15	pF	
Level(Sine Wave)	10		For Sine Wave		dbm
Load	50				ohms
Harmonics			-30		dBc
Current			30		mA
Phase Noise @122.88MHz	100 Hz	-117	-115		dBc/HZ
	1KHz	-144	-140		
	10KHz	-165	-160		
	100KHz	-172	-168		
	1MHz	-175	-170		
Operating Temperature Range	-20°C ~ +70°C or -40°C ~ +85°C				°C
Storage Temp. Range	-45	90	-45	90	°C

Dimension(mm)

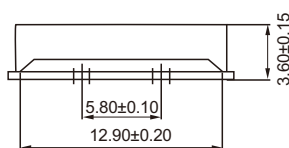
TOP VIEW



BOTTOM VIEW



SIDE VIEW



Pin	Function
#1	Vcon
#2	GND
#3	Output
#4	VDD