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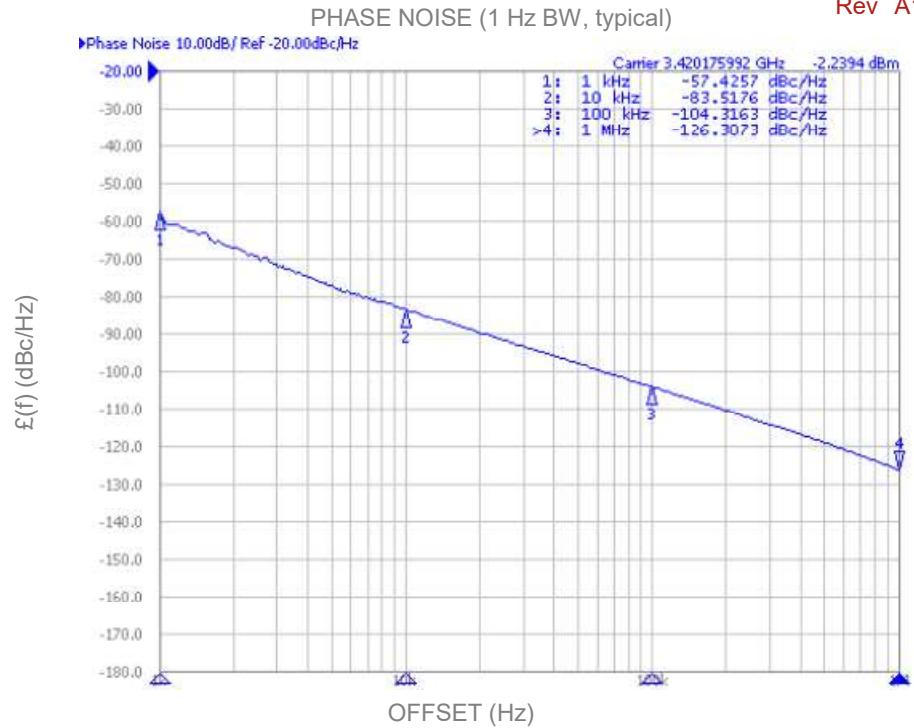
Voltage-Controlled Oscillator Surface Mount Module

Applications

Microwave Links
 WLAN
 Portable Radios

Application Notes

AN-101: Mounting and Grounding
 AN-102: Output Loading
 AN-107: Manual Soldering



Performance Specifications	Min	Typ	Max	Units
Oscillation Frequency Range	3410		3430	MHz
Phase Noise @ 10 kHz offset (1 Hz BW)		-83		dBc/Hz
Harmonic Suppression (2nd)		-32	-20	dBc
Tuning Voltage	0		3	Vdc
Tuning Sensitivity (avg.)		75		MHz/V
Power Output	-1	2.5	6	dBm
Load Impedance		50		Ω
Input Capacitance			50	pF
Pushing			25	MHz/V
Pulling (20. dB Return Loss, Any Phase)			8	MHz
Operating Temperature Range	-40		85	$^{\circ}\text{C}$
Package Style		SUB-L		

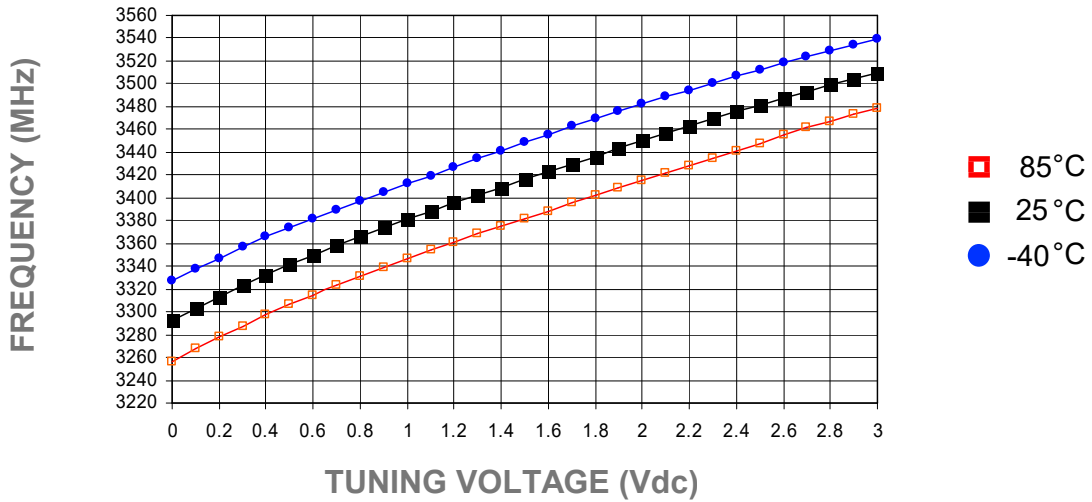
Power Supply Requirements	Min	Typ	Max	Units
Supply Voltage (Vcc, nom.)		3		Vdc
Supply Current (Icc)		17	25	mA

Additional Notes

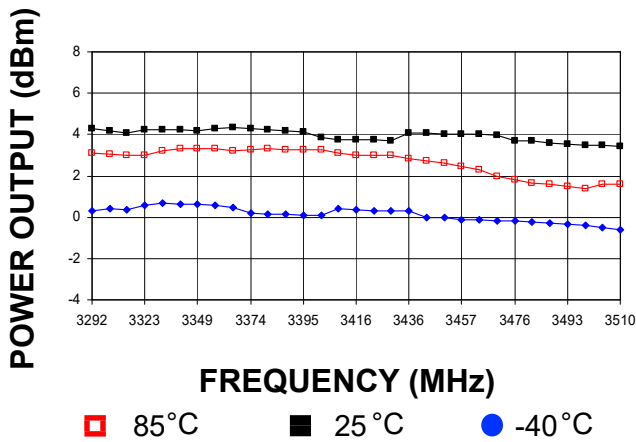
3420MHz typical near 1.5V at 25 C.

No datasheet change without notifying Symmetricom

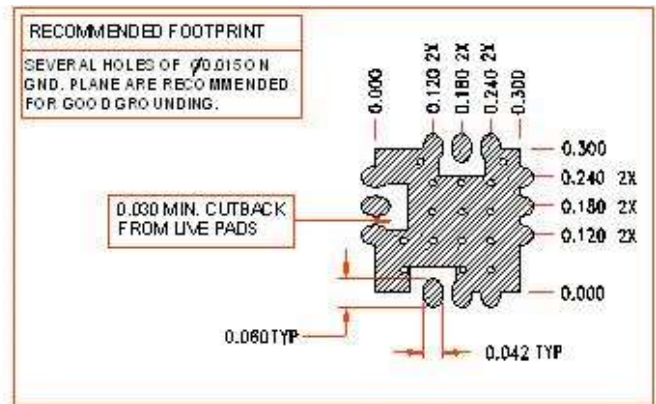
Tuning Curve, typ.



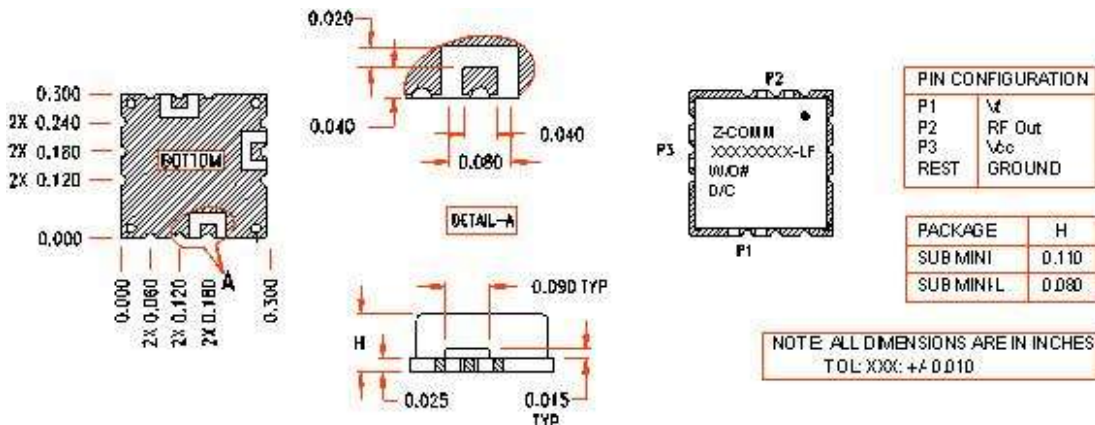
Power Curve, typ.



Footprint



Physical Dimensions



LFSuffix = RoHS Compliant. All specifications are subject to change without notice.