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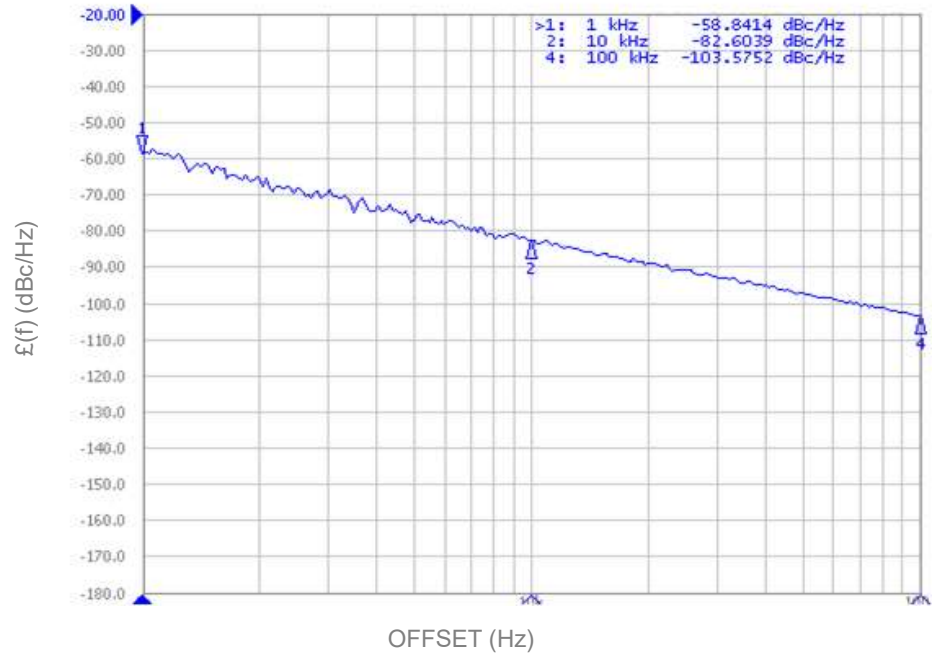
## Voltage-Controlled Oscillator Surface Mount Module

### Applications

Microwave Radios  
 Test Instrumentation

### Application Notes

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



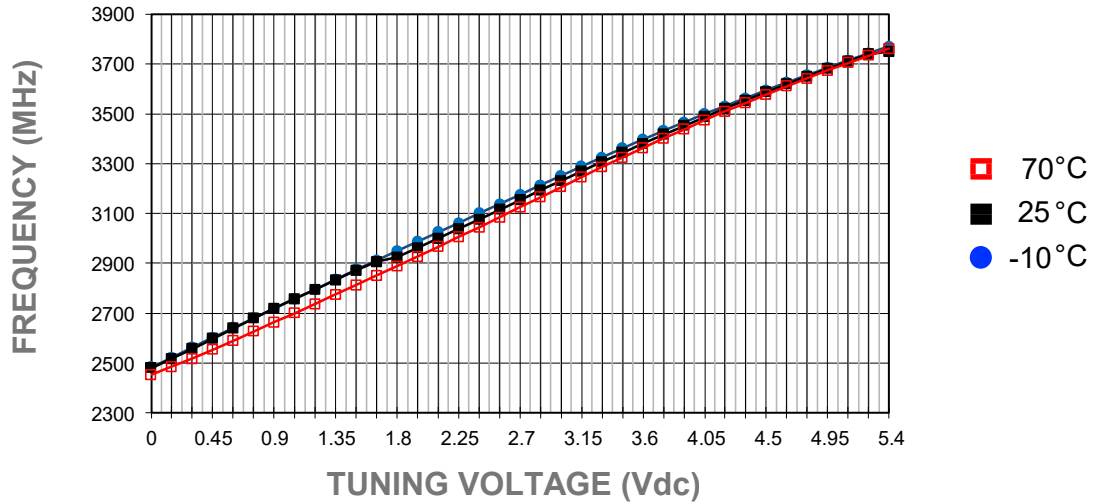
Performance Specifications	Min	Typ	Max	Units
Oscillation Frequency Range	2560		3560	MHz
Phase Noise @ 10 kHz offset (1 Hz BW)		-77		dBc/Hz
Harmonic Suppression (2nd)		-20	-17	dBc
Tuning Voltage	0.3		5.3	Vdc
Tuning Sensitivity (avg.)		250		MHz/V
Power Output	0	3	6	dBm
Load Impedance		50		$\Omega$
Input Capacitance			50	pF
Pushing			20	MHz/V
Pulling (20. dB Return Loss, Any Phase)			10	MHz
Operating Temperature Range	-10		70	$^{\circ}\text{C}$
Package Style		SUB-L		

Power Supply Requirements	Min	Typ	Max	Units
Supply Voltage (Vcc, nom.)		5		Vdc
Supply Current (Icc)		24	27	mA

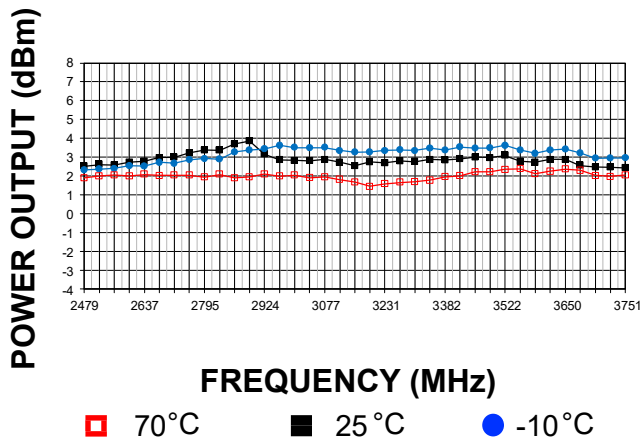
### Additional Notes



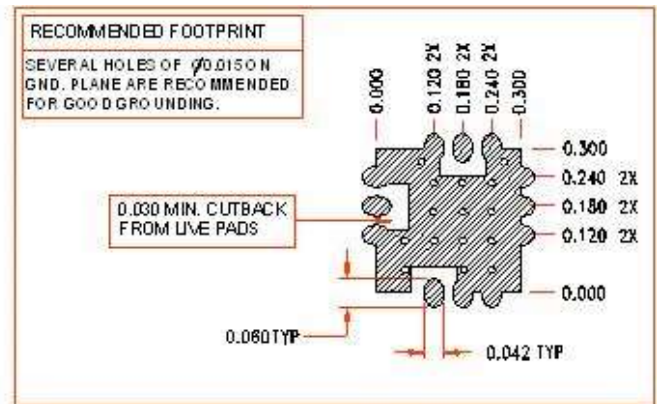
Tuning Curve, typ.



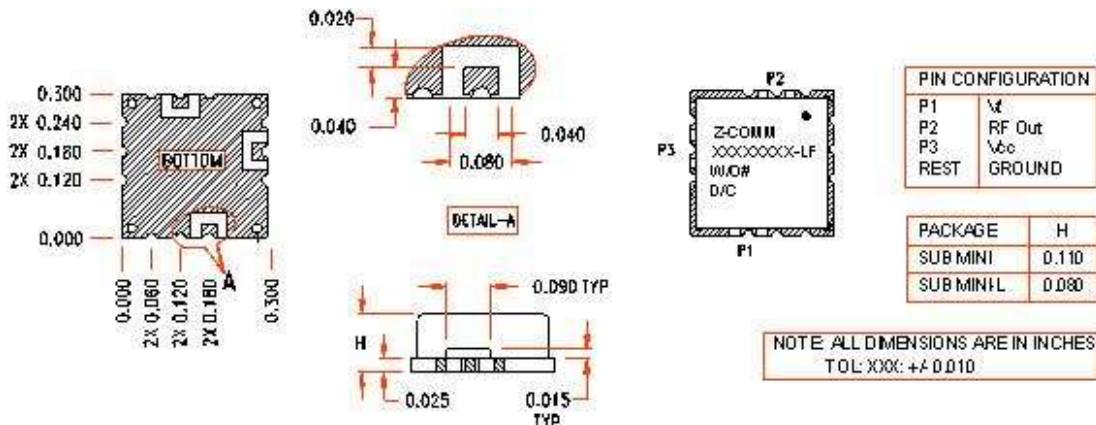
Power Curve, typ.



Footprint



Physical Dimensions



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