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### Voltage-Controlled Oscillator Surface Mount Module

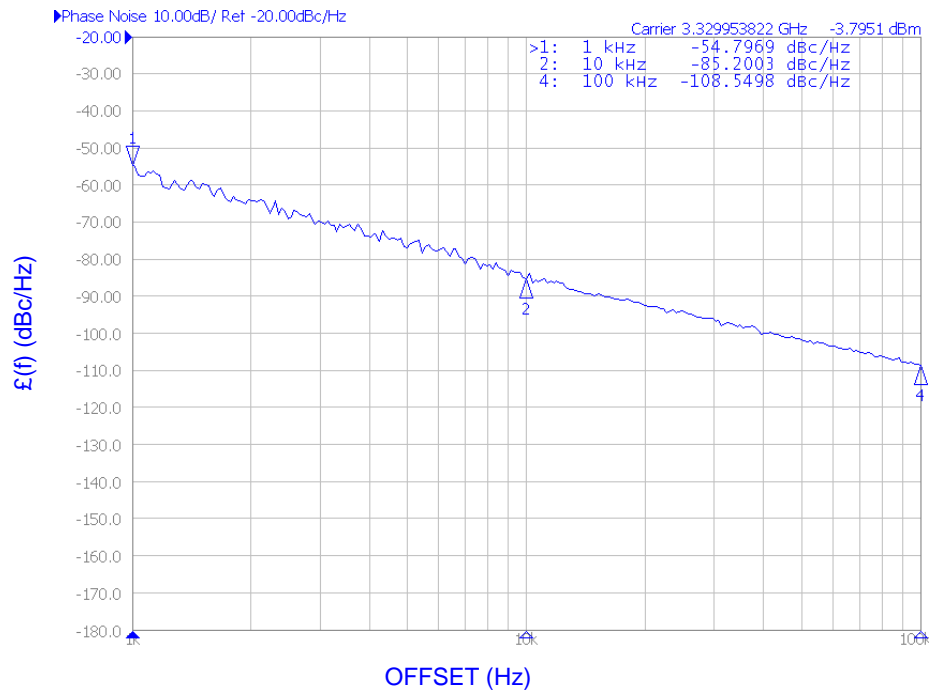
#### Applications

- Personal Communications Systems
- WLAN
- Portable Radios

#### Application Notes

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

PHASE NOISE (1 Hz BW, typical)



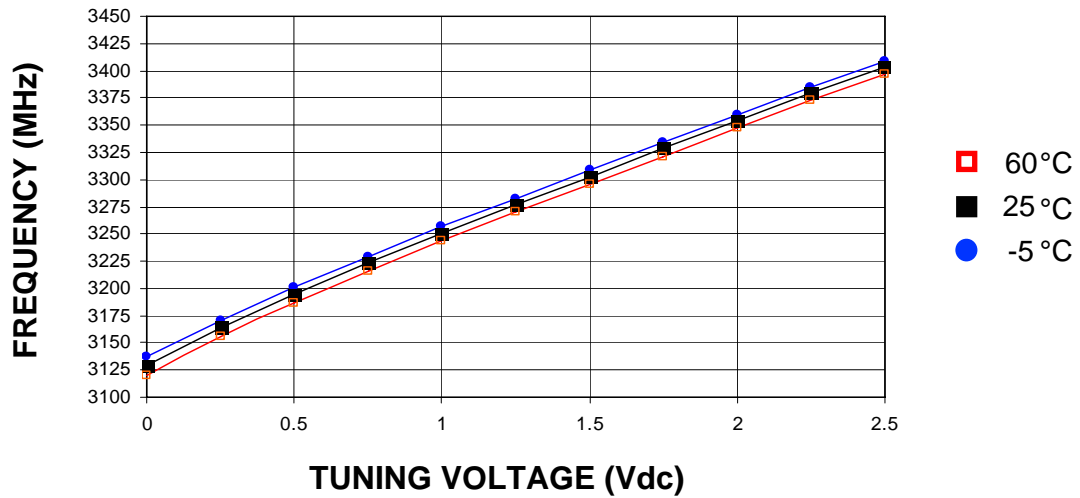
Performance Specifications	Min	Typ	Max	Units
Oscillation Frequency Range	3300		3360	MHz
Phase Noise @ 10 kHz offset (1 Hz BW)		-84		dBc/Hz
Harmonic Suppression (2nd)		-18	-15	dBc
Tuning Voltage	0.5		2.5	Vdc
Tuning Sensitivity (avg.)		108		MHz/V
Power Output	0	3	6	dBm
Load Impedance		50		$\Omega$
Input Capacitance			50	pF
Pushing			15	MHz/V
Pulling (20. dB Return Loss, Any Phase)			2	MHz
Operating Temperature Range	-5		60	$^{\circ}\text{C}$
Package Style		SUB-L		

Power Supply Requirements	Min	Typ	Max	Units
Supply Voltage (Vcc, nom.)		3		Vdc
Supply Current (Icc)		28	33	mA

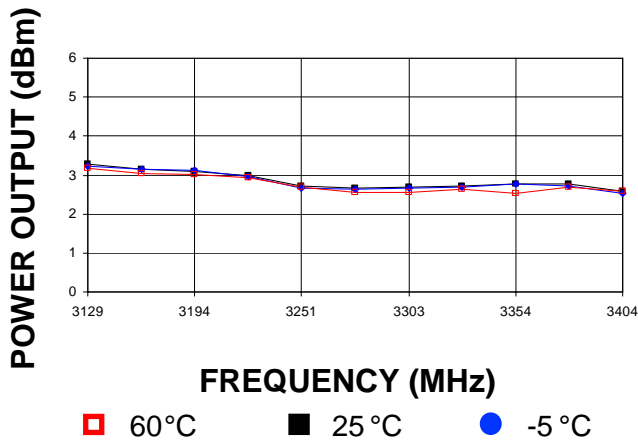
#### Additional Notes

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

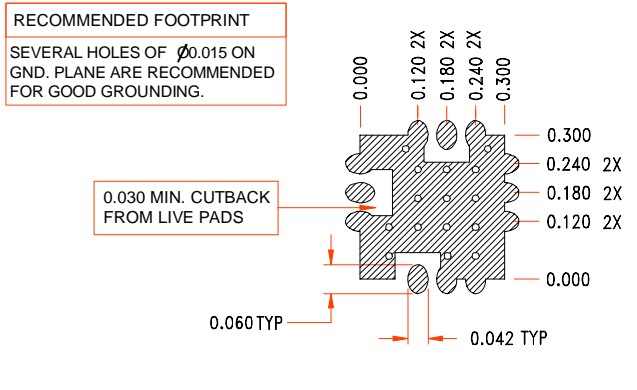
Tuning Curve, typ.



Power Curve, typ.



Footprint



Physical Dimensions



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