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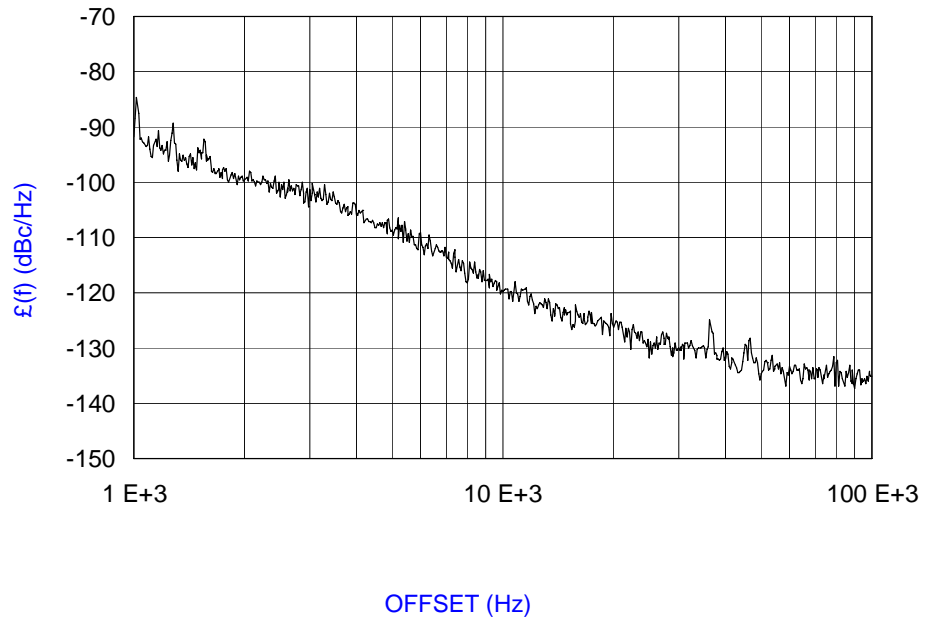
**Voltage-Controlled Oscillator  
 Surface Mount Module**

**Applications**

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**Application Notes**

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



**Performance Specifications**

	Min	Typ	Max	Units
Oscillation Frequency Range	362		364	MHz
Phase Noise @ 10 kHz offset (1 Hz BW)		-118		dBc/Hz
Harmonic Suppression (2nd)		-12	-10	dBc
Tuning Voltage	0.5		4.5	Vdc
Tuning Sensitivity (avg.)		15		MHz/V
Power Output	3.5	5	6.5	dBm
Load Impedance		50		$\Omega$
Input Capacitance			50	pF
Pushing			3	MHz/V
Pulling (14 dB Return Loss, Any Phase)			1	MHz
Operating Temperature Range	-40		85	$^{\circ}\text{C}$
Package Style	MINI-16M			

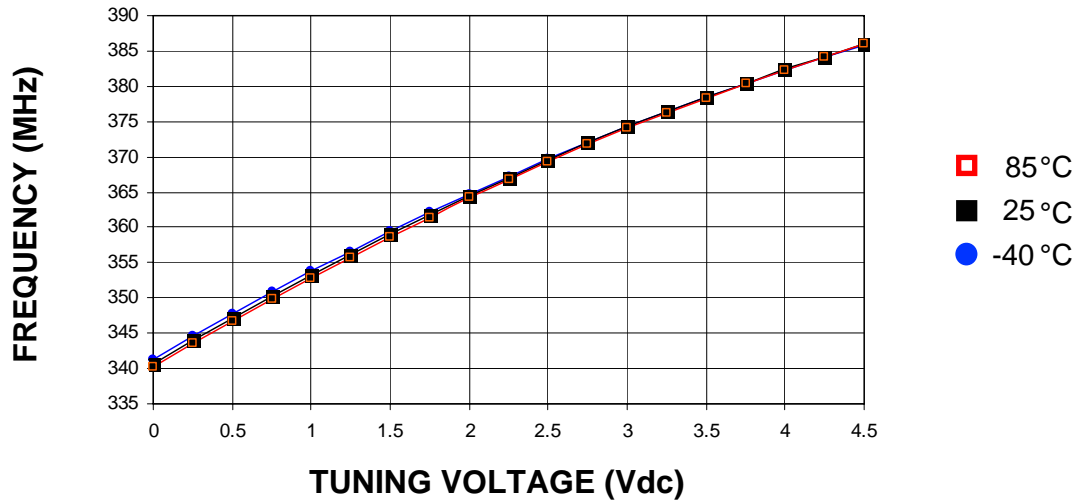
**Power Supply Requirements**

	Min	Typ	Max	Units
Supply Voltage (Vcc, nom.)		5.5		Vdc
Supply Current (Icc)		23	28	mA

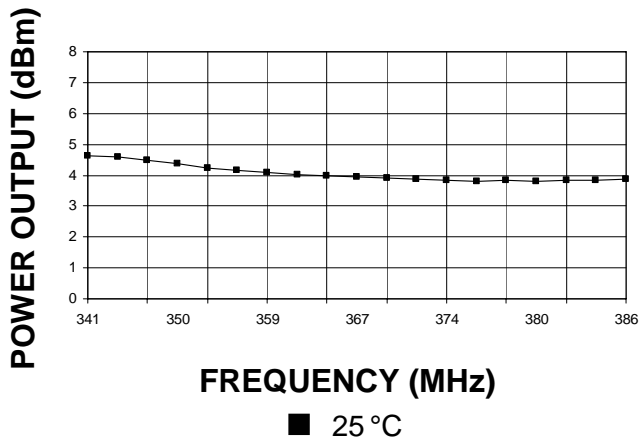
**Additional Notes**

Pin 4 is no connect or ground.

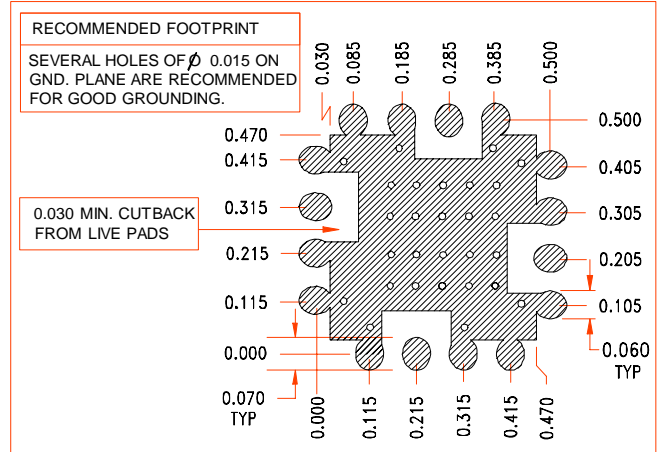
Tuning Curve, typ.



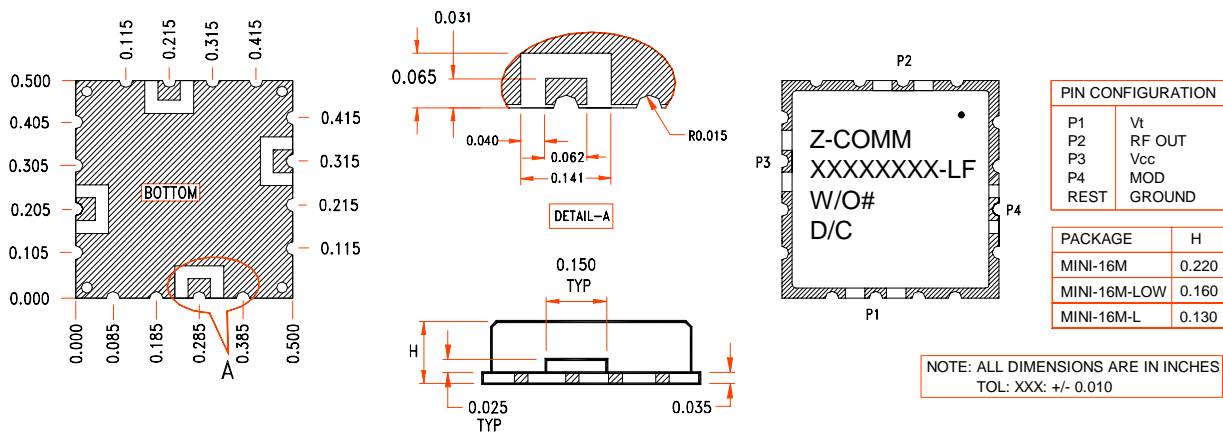
Power Curve, typ.



Footprint



Physical Dimensions



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