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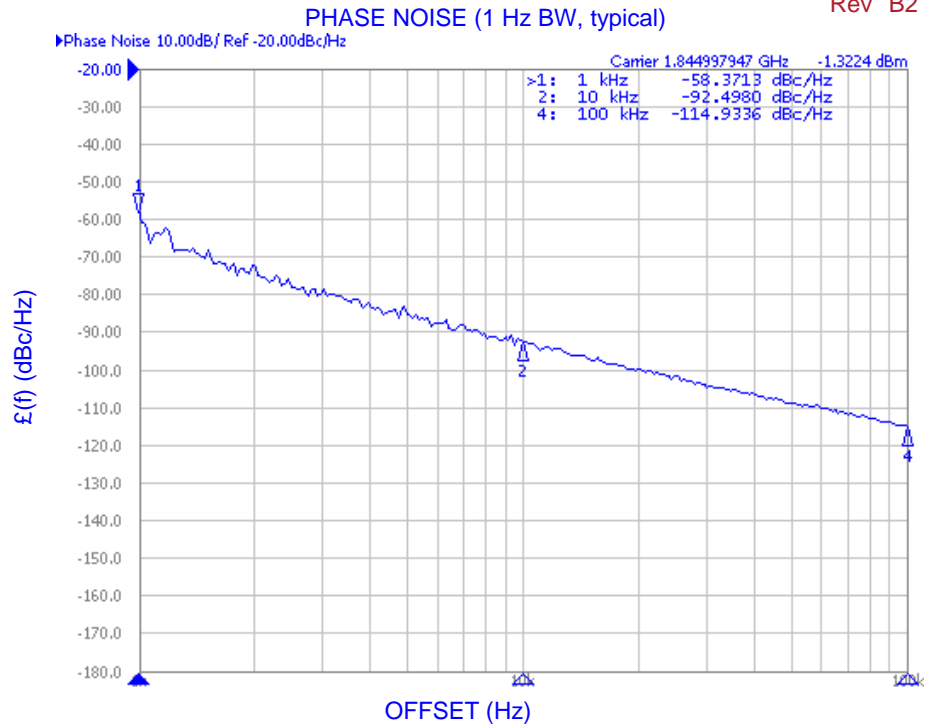
### Voltage-Controlled Oscillator Surface Mount Module

#### Applications

- PCS Handhelds
- Portable Receivers
- Mobile Communications

#### Application Notes

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



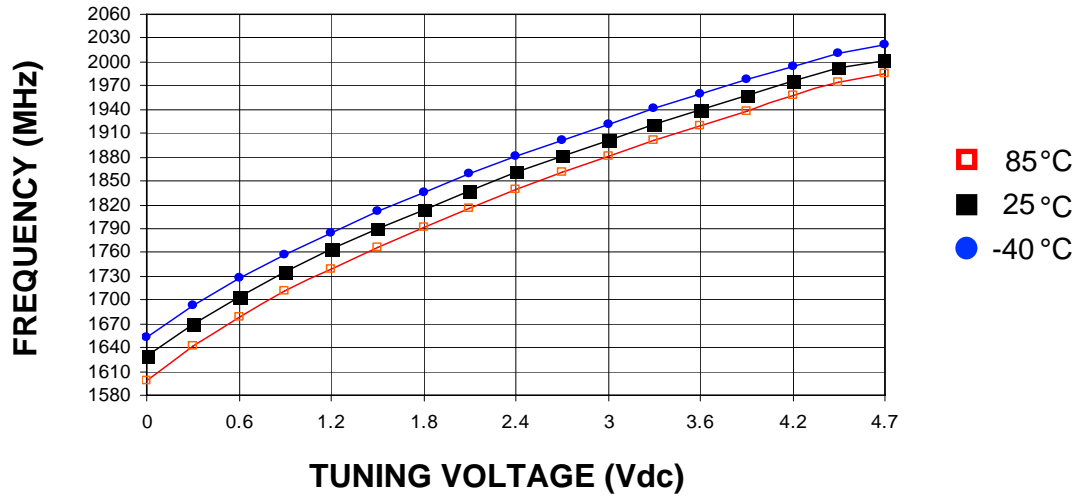
Performance Specifications	Min	Typ	Max	Units
Oscillation Frequency Range	1815		1875	MHz
Phase Noise @ 10 kHz offset (1 Hz BW)		-92		dBc/Hz
Harmonic Suppression (2nd)		-10	-6	dBc
Tuning Voltage	0.3		4.7	Vdc
Tuning Sensitivity (avg.)		83		MHz/V
Power Output	4.5	7	9.5	dBm
Load Impedance		50		$\Omega$
Input Capacitance			50	pF
Pushing			7	MHz/V
Pulling (20. dB Return Loss, Any Phase)			7	MHz
Operating Temperature Range	-40		85	$^{\circ}\text{C}$
Package Style		SUB-L		

Power Supply Requirements	Min	Typ	Max	Units
Supply Voltage (Vcc, nom.)		5		Vdc
Supply Current (Icc)		16	19	mA

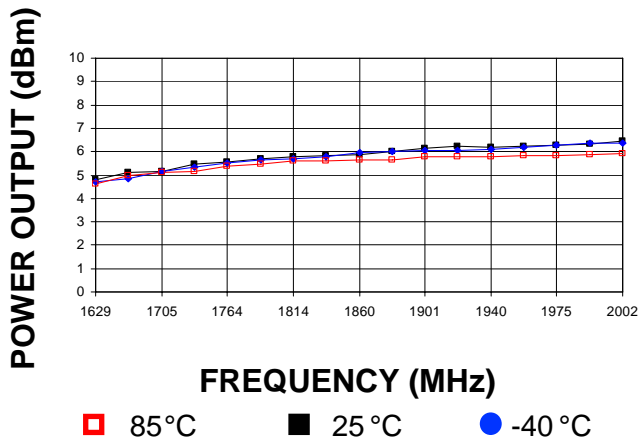
#### Additional Notes

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

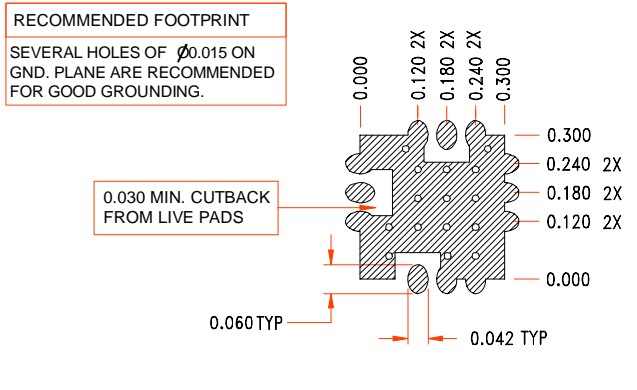
Tuning Curve, typ.



Power Curve, typ.



Footprint



Physical Dimensions



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