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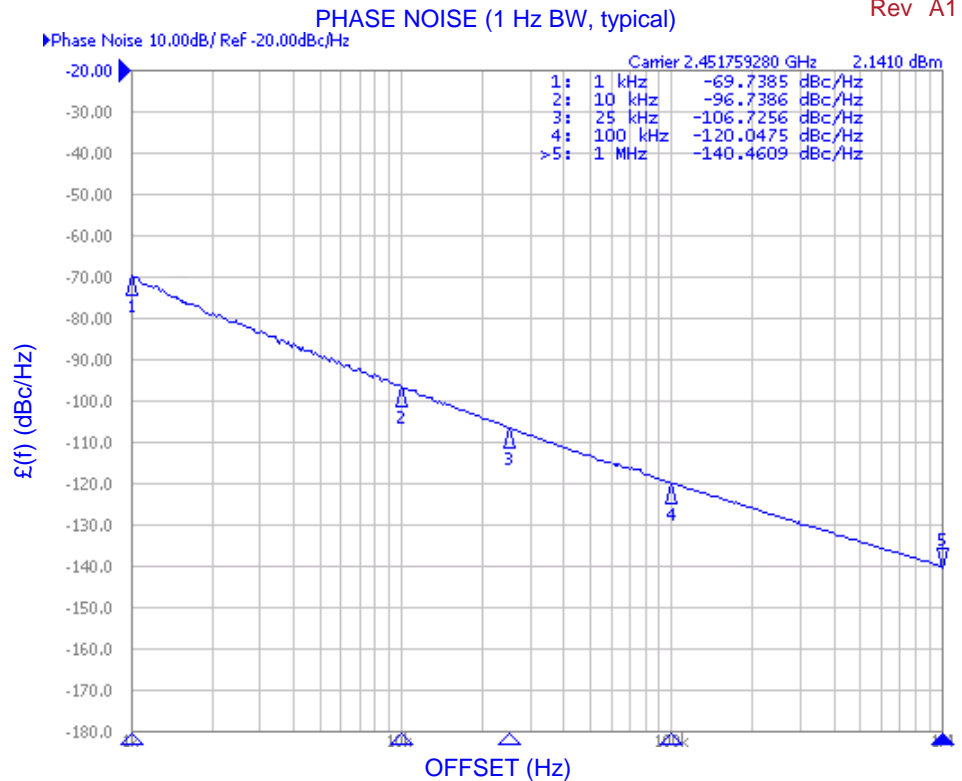
Voltage-Controlled Oscillator Surface Mount Module

Applications

- Microwave Radios
- Digital Radios
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Applications Notes

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



Performance Specifications

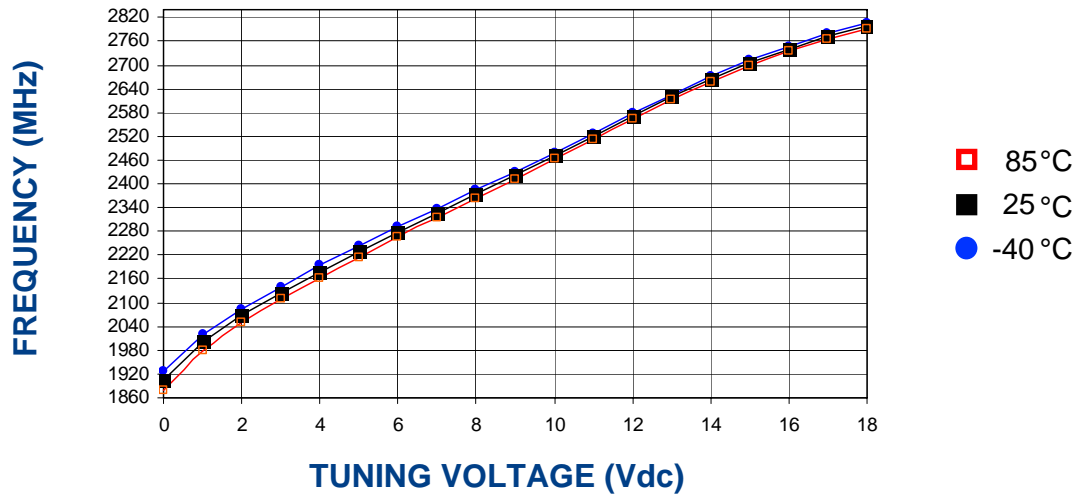
	Min	Typ	Max	Units
Oscillation Frequency Range	2200		2700	MHz
Phase Noise @ 10 kHz offset (1 Hz BW)		-94		dBc/Hz
Harmonic Suppression (2nd)		-14		dBc
Tuning Voltage	0.5		18	Vdc
Tuning Sensitivity (avg.)		50		MHz/V
Power Output	4	7	10	dBm
Load Impedance		50		Ω
Input Capacitance			50	pF
Pushing			11	MHz/V
Pulling (14 dB Return Loss, Any Phase)			15	MHz
Operating Temperature Range	-40		85	$^{\circ}\text{C}$
Package Style	MINI-14H-L			

Power Supply Requirements

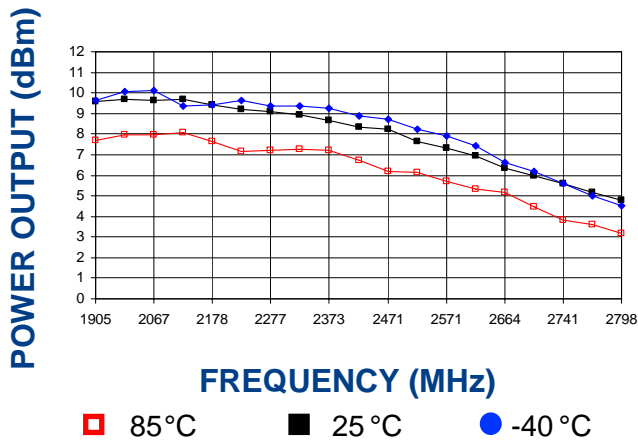
	Min	Typ	Max	Units
Supply Voltage (Vcc, nom.)		5		Vdc
Supply Current (Icc)		21	25	mA

Additional Notes

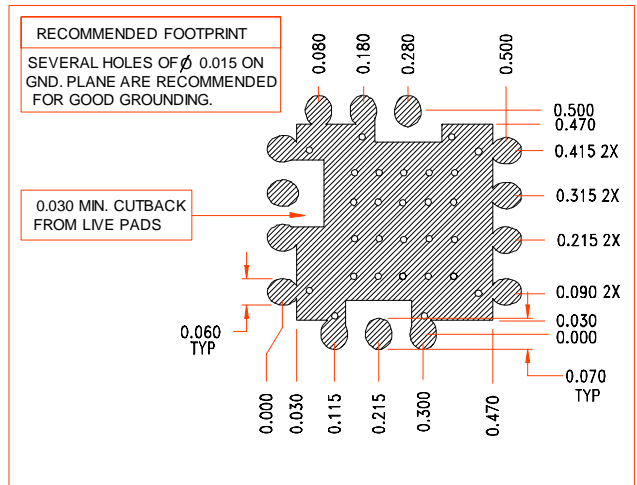
Tuning Curve, typ.



Power Curve, typ.



Footprint



Physical Dimensions

