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Voltage-Controlled Oscillator Surface Mount Module

Applications

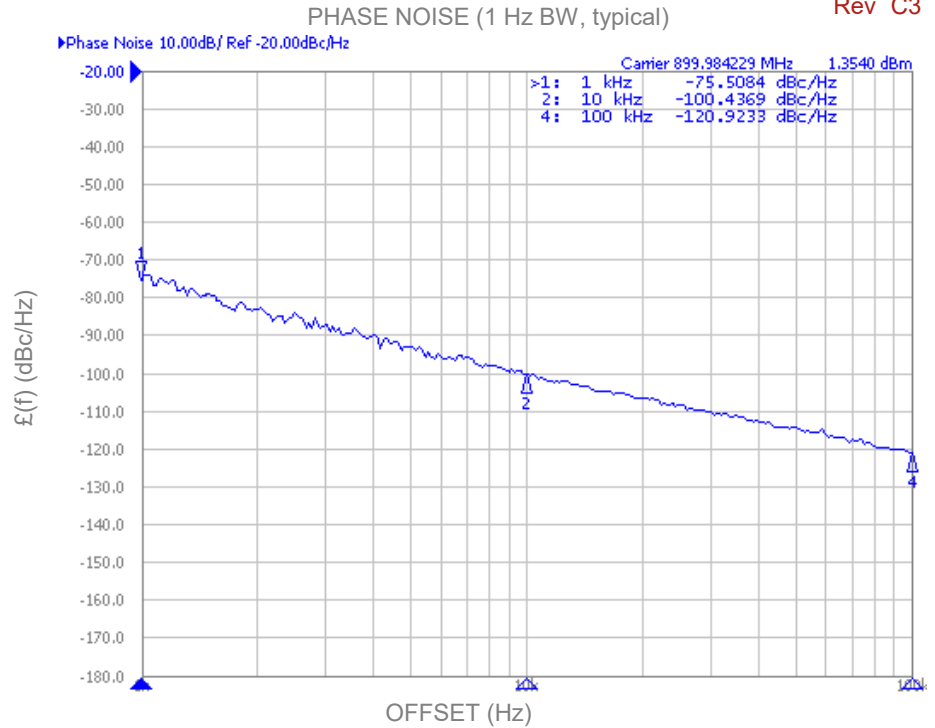
Test Equipments
 Digital Radios

Application Notes

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

V585ME73-LF

Rev C3

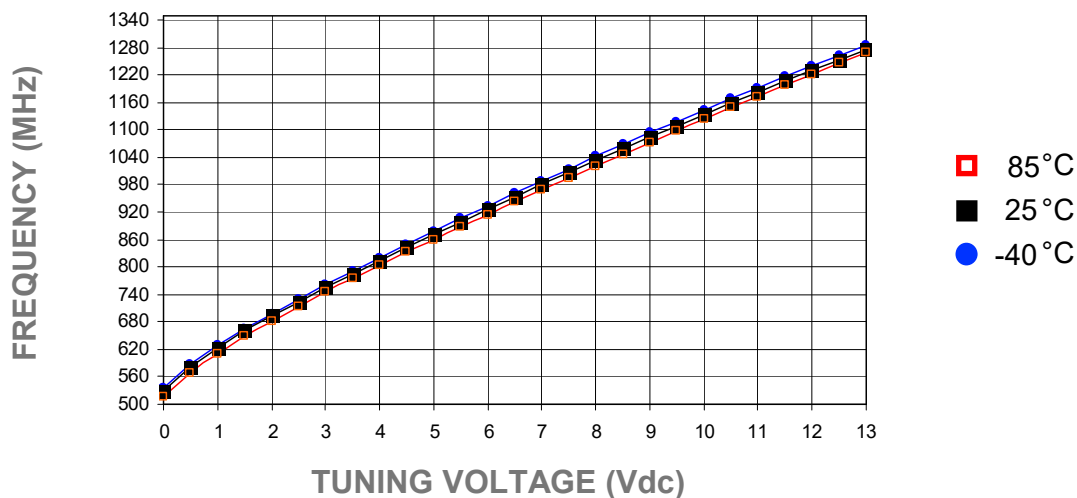


Performance Specifications	Min	Typ	Max	Units
Oscillation Frequency Range	600		1200	MHz
Phase Noise @ 10 kHz offset (1 Hz BW)		-100		dBc/Hz
Harmonic Suppression (2nd)		-12	-5	dBc
Tuning Voltage	0		13	Vdc
Tuning Sensitivity (avg.)		58		MHz/V
Power Output	6	8.5	11	dBm
Load Impedance		50		Ω
Input Capacitance			150	pF
Pushing			3	MHz/V
Pulling (12 dB Return Loss, Any Phase)			7	MHz
Operating Temperature Range	-40		85	$^{\circ}\text{C}$
Package Style	MINI-16-SM			

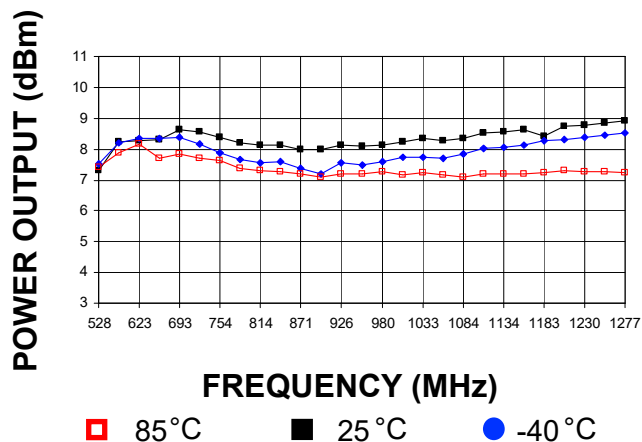
Power Supply Requirements	Min	Typ	Max	Units
Supply Voltage (Vcc, nom.)		10		Vdc
Supply Current (Icc)		18	24	mA

Additional Notes

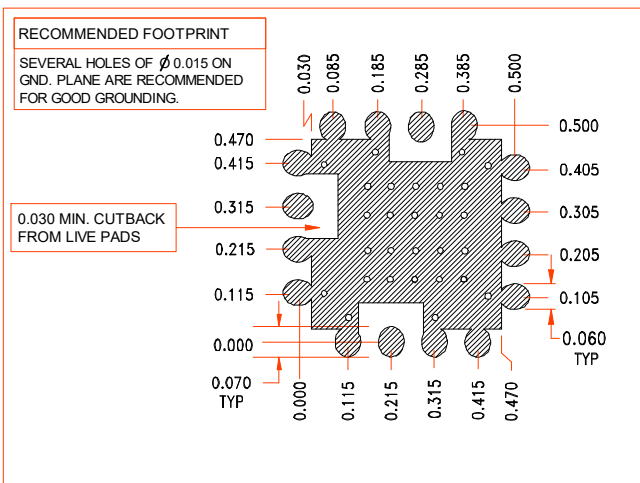
Tuning Curve, typ.



Power Curve, typ.



Footprint



Physical Dimensions

