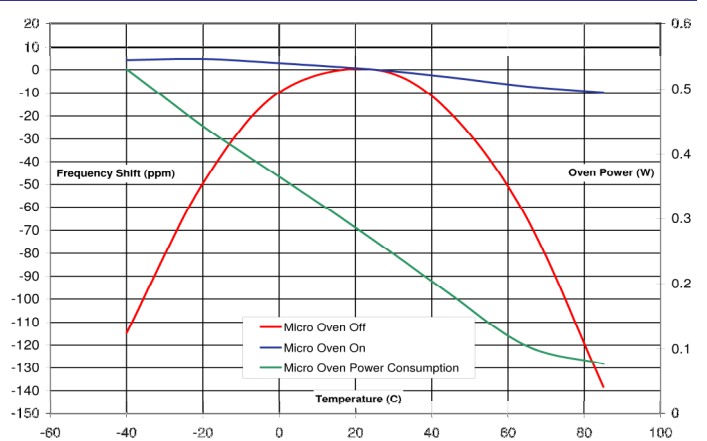
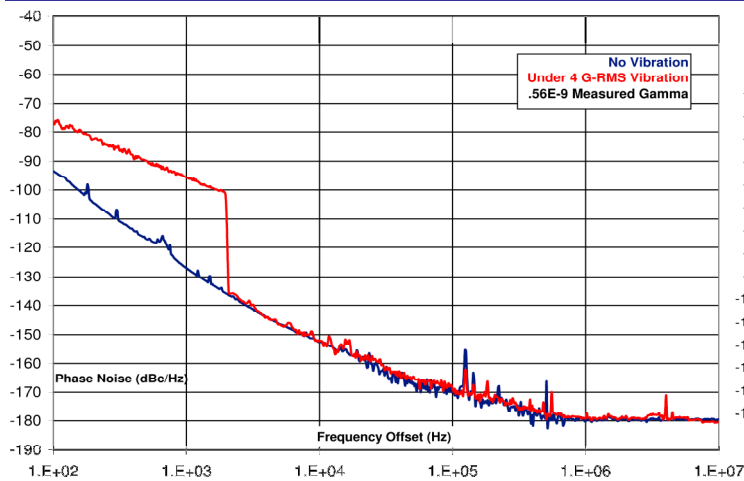


Specifications					
Parameter	Unit	Min	Typical	Max	Notes
Center Frequency Fo	MHz	-0.008	400	0.008	Vtune = 2.50V, 20C
Absolute Pull Range APR	ppm	30	na	na	Vtune = 0.5V to 5.0V, -40C to 85C
Tuning K	KHz/V	4	8	16	Average incremental sensitivity
Tuning Kr = Kmax/Kmin	unitless	na	3:01	4:01	
Temperature Stability	ppm p-p		15	20	Vtune = 2.50V, -40C to 85C
Aging, 20 years	ppm		20	30	Absolute change from initial freq
Output Power	dBm	8	10	12	50 Ohm load, -40C to 85C
Harmonic Spurious	dBc		-30	-20	50 Ohm load, -40C to 85C
Non-harmonic Spurious	dBc	na	-80	na	50 Ohm load, -40C to 85C
SSB Phase Noise at 1KHz	dBc/Hz		-127		
SSB Phase Noise at 10KHz	dBc/Hz		-152		
SSB Phase Noise Floor	dBc/Hz		-178		
Vibration Sensitivity	ppb/G	na	1	2	per axis
Output Frequency Multiplier	unitless	na	1	na	
Oven warm-up power	W	na	1	1.2	from -40C
Oven warm-up time	sec	na	3	6	from -40C
Oven power stable	W	na	0.5	0.7	-40C
Oven power stable	W	na	0.25	0.35	+20C
Vsupply	Volts	5	12	15	
Isupply	mA	na	30	na	50 Ohm load, -40C to 85C, w/o oven

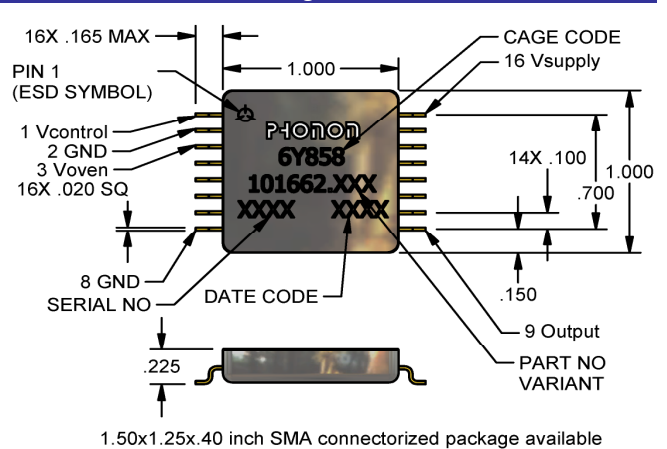
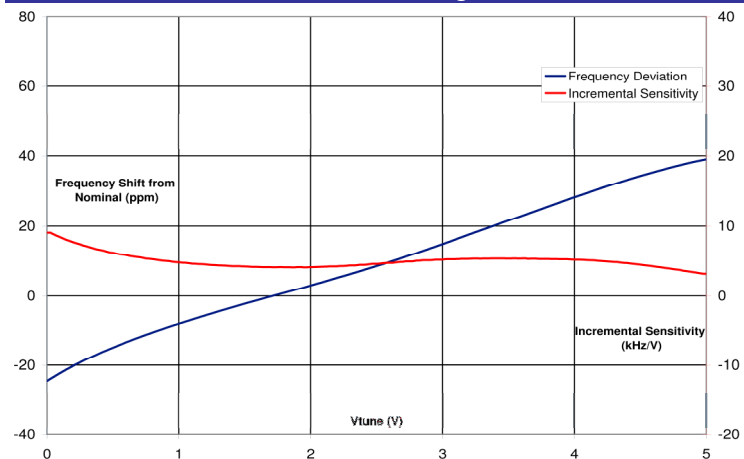
Typical Phase Noise Performance

Micro-Oven Performance

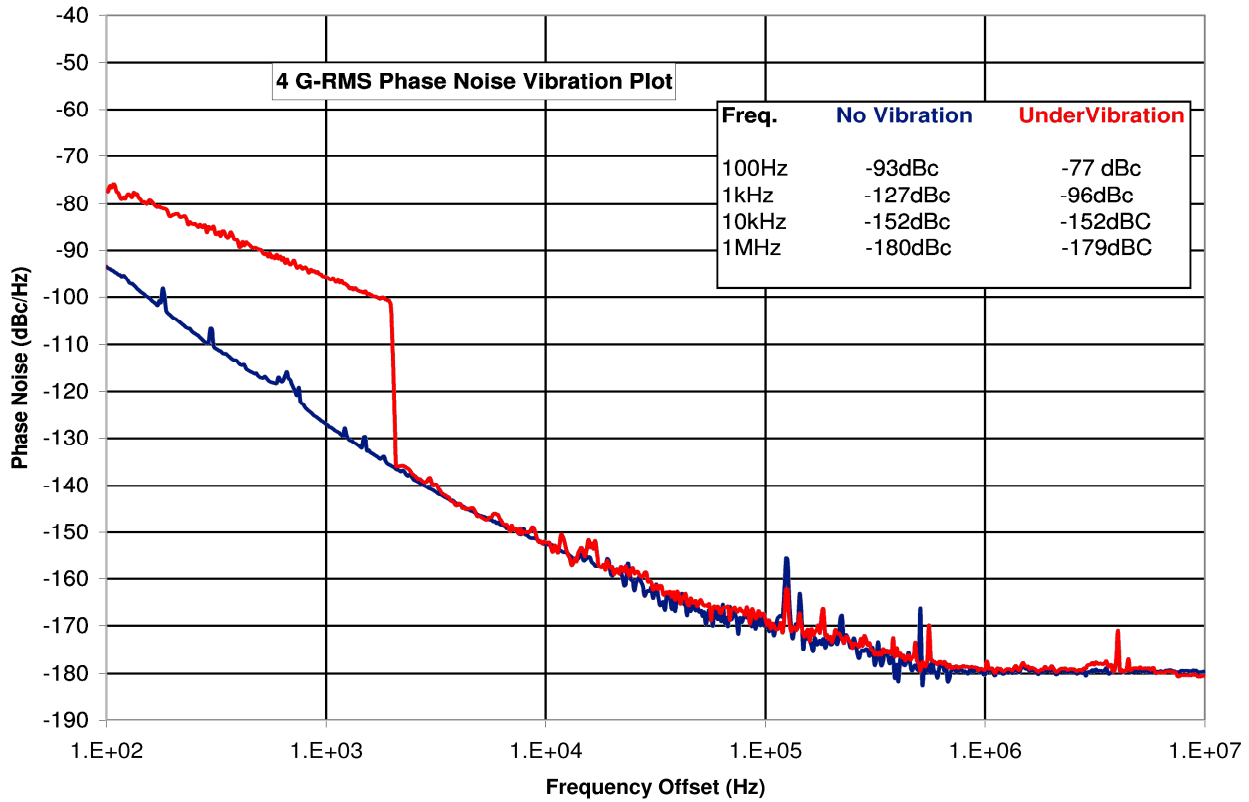


Electrical Tuning

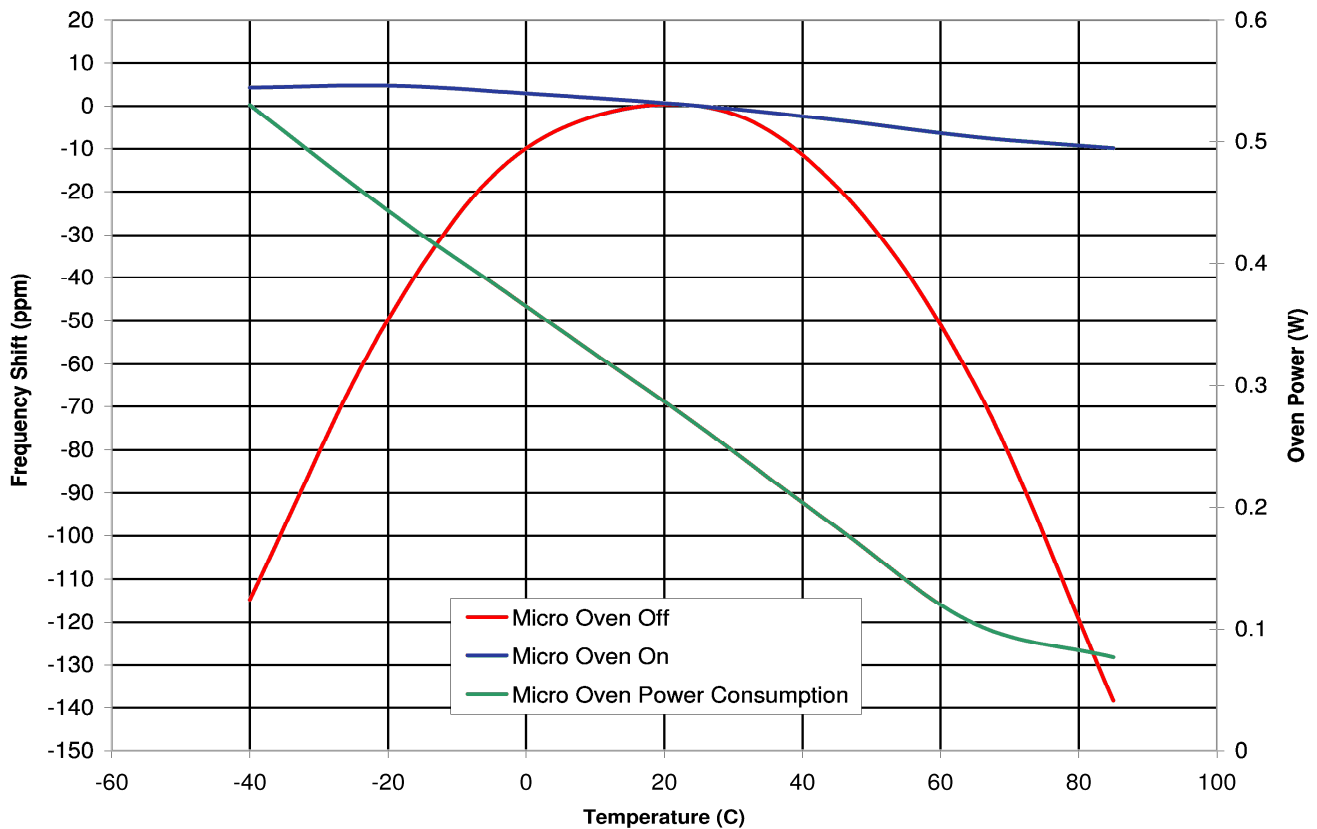
Package Outline



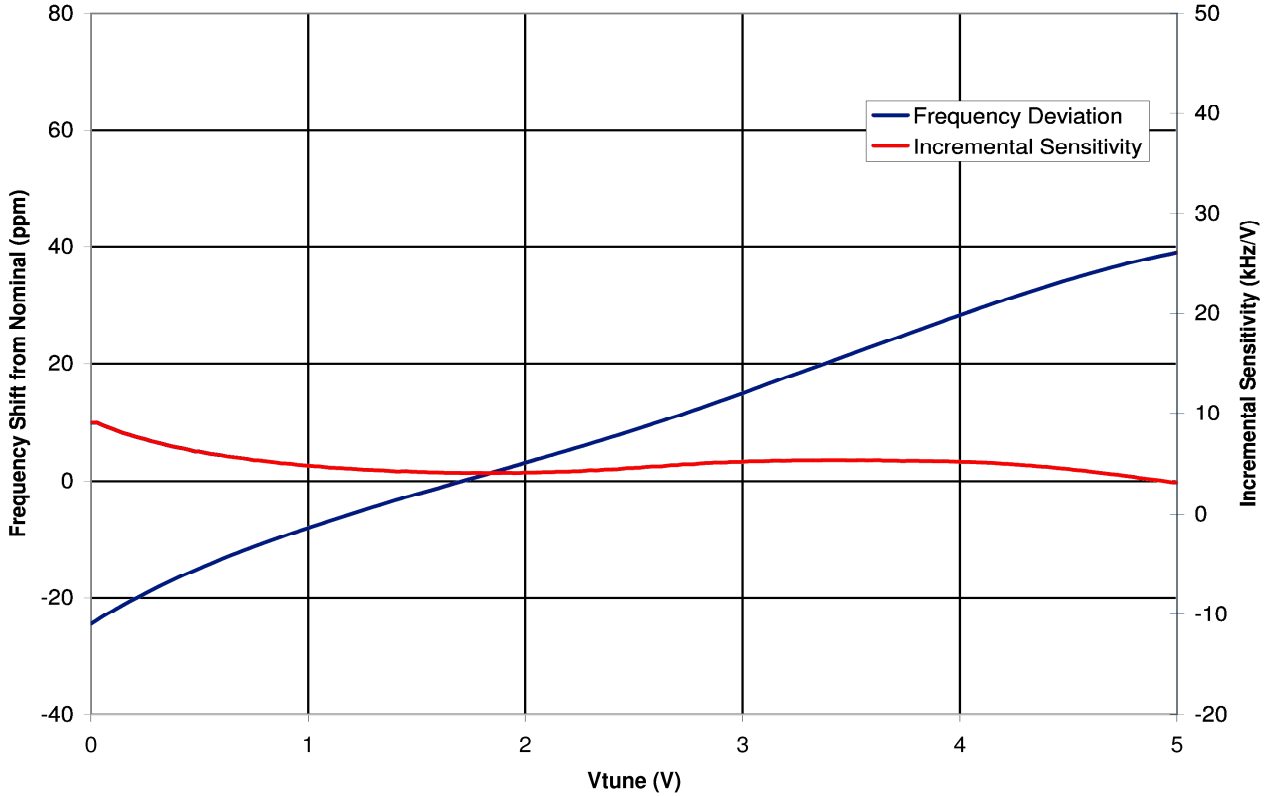
Typical Phase Noise Performance



Micro-Oven Performance (Patent Pending)



Frequency Shift and Incremental Sensitivity



Spectrum Output

