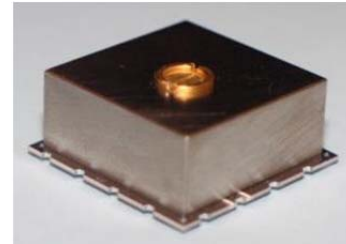
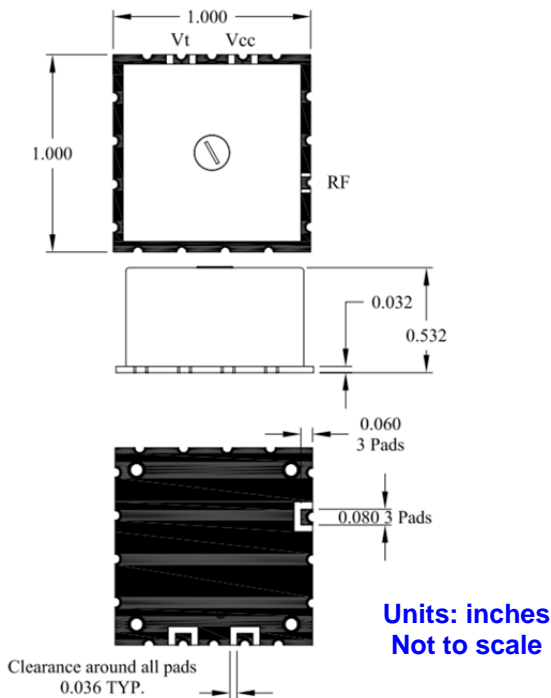
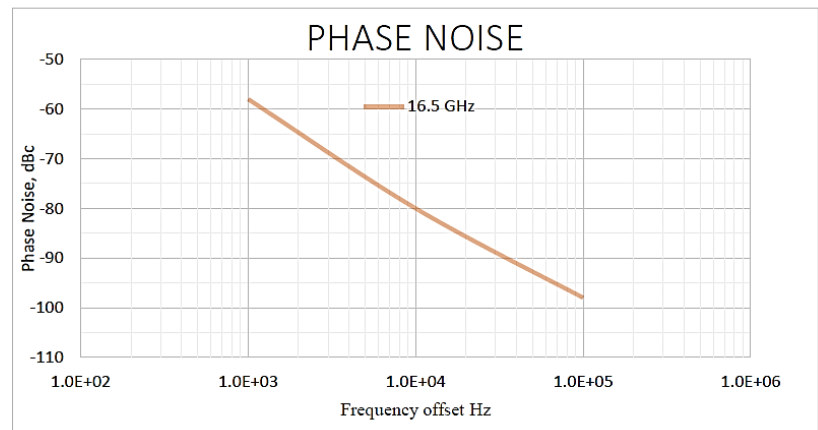


Dielectric Resonant Oscillator, 6-15 GHz Family +13 dBm. Output Power, 5 Volts, SMT package



Typical Phase Noise Plot:



Order Examples: RDRO-9.375-13d-5V-SMT-M-s12

Description: (Dielectric Resonant Oscillator, 9.375GHz, +13dBm Output Power, 5Volts, SMT package, Mechanical Tuning)

Electrical Specifications:		
Frequency Range	6 to 15 GHz	6 to 15 GHz
Tuning	Mechanical	Electrical
Tuning Range, Min.	±10 MHz	±5 MHz
Power Output, Min.	13 dBm	13 dBm
Power Output, Max	3 dB	3 dB
Frequency Accuracy, Max.	0.1%	0.1%
Operating Temperature	-50 to +100 °C	-50 to +100 °C
Storage Temperature	-55 to +125 °C	-55 to +125 °C
Temperature Stability, Max.	±0.05%	±0.05%
Harmonics, Below Carrier, Max.	-20 dBc	-20 dBc
Spurious Output Below Carrier, Max.	-60 dBc	-60 dBc
Phase Noise		
10 KHz offset	-80 dBc/Hz	-80 dBc/Hz
100 KHz offset	-95 dBc/Hz	-95 dBc/Hz
Input Voltage	+5±0.5 VDC	+5±0.5 VDC
Input Current, Max.	75 mA	75 mA
Package	Surface Mount	Surface Mount
Weight, Max.	3.0 oz.	3.0 oz.