

Features

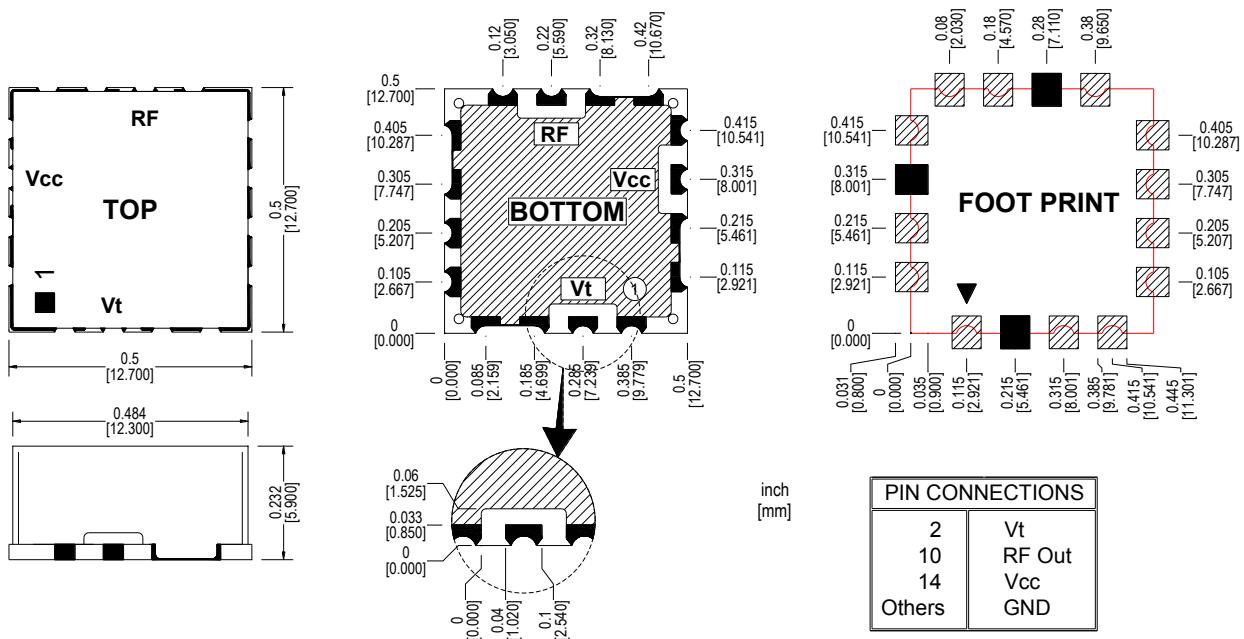
Low phase noise
Linear tuning characteristics
Low pushing / Low pulling

Typical Applications

SATCOM Point –to-Point
Receiver Radio
Test Equipment MMDS
Radar WiMax

Mechanical Drawing and PIN Connections

Drawing No: MD150003-1



Specifications

Electrical Characteristics

Parameter	Units	Min	Typ	Max
Operating Frequency Range	MHz	982		1015
Output Power	dBm	+4.0	+6.0	
Output Impedance	Ω		50	
Phase Noise	@10kHz offset		-120	
	@100kHz offset		-140	
Tuning Voltage (Vt)	Vdc	0.0		+12
Tuning Voltage Sensitivity (Kv)	MHz/V		4.0~5.0	
2nd Harmonic Suppression	dBc			-10
Power Supply (Vcc)	Voltage		8	
	Current		29	40
Pushing Figure	MHz/V		1.0	
Pulling Figure(12dB Return Loss, all phases)	MHz		2.0	
Input Capacitance	pF		47	
Operating Temp. Range	°C	-40		+85