



Features and Benefits

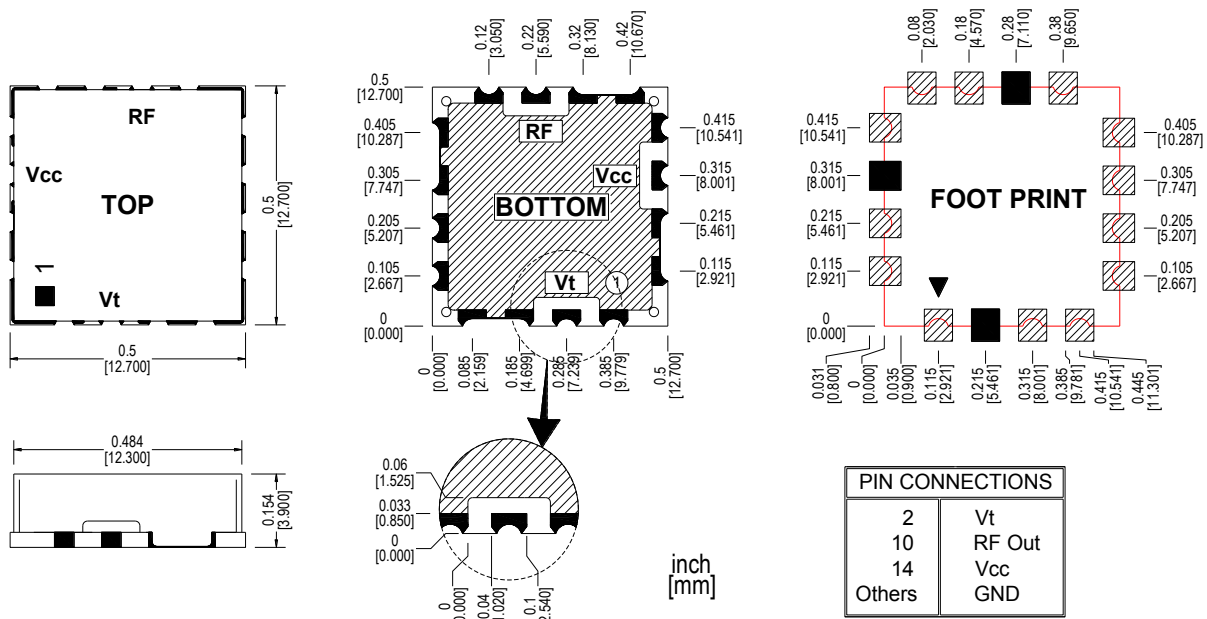
Frequency Range: 734-804MHz
 Supply Voltage: 5.0V
 Current: 25mA Max.
 Output power: +6.0dBm Max.
 Tuning Voltage: 0-5.0V
 Phase noise: -108dBc/Hz@10KHz
 Operating temperature: -40°C--+85°C
 Size:12.7x12.7x3.9mm

Typical Applications

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

Mechanical Drawing & Pin Connections

Drawing No: MD140084-2





Specifications

Parameter	Units	Min.	Typical	Max.
Operating Frequency Range	MHz	734		804
Power Supply (Vcc)	Voltage		+5.0	
	Current			25
Output Power	dBm	+1.0	+3.5	+6.0
Output Impedance	Ω		50	
Phase Noise @10kHz offset	dBc / Hz		-108	-103
Tuning Voltage (Vt)	V	0		+5.0
Tuning Voltage Sensitivity (Kv)	MHz / V		24-28	
2nd Harmonic Suppression	dBc			-10
Pushing Figure	MHz / V			7
Pulling Figure (14dB RL)	MHz			3
Input Capacitance	pF		47	
Operating Temperature Range	°C	-40		+85