



Features and Benefits

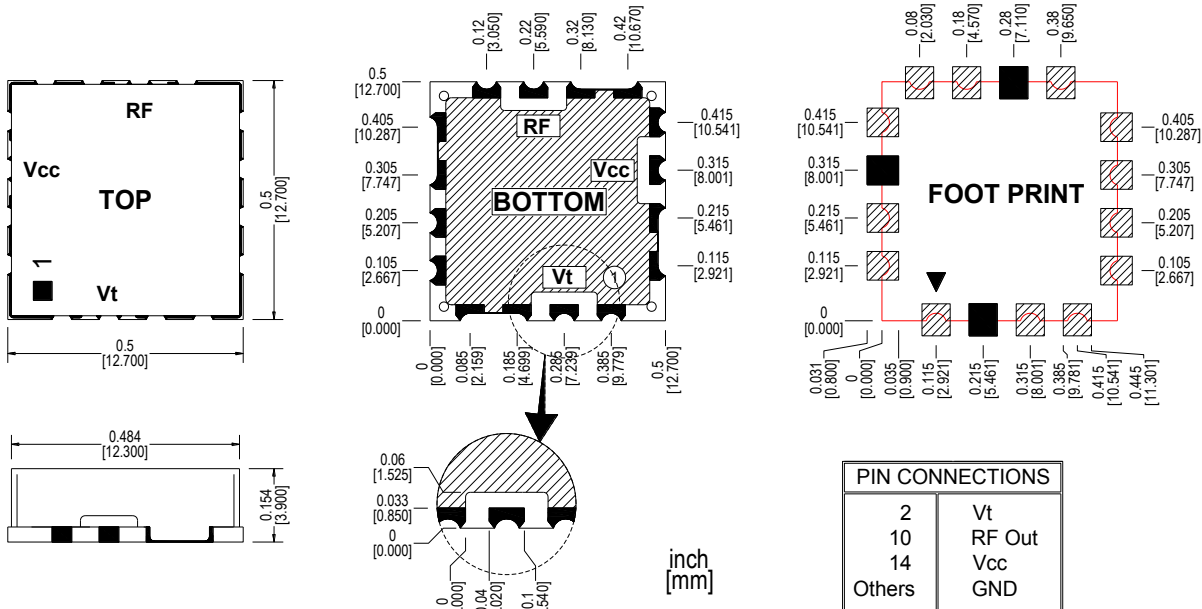
Frequency Range:882-915MHz
 Supply Voltage:5V
 Current: 25mA Max.
 Output power: +6.5dBm Max.
 Tuning Voltage: 0.5-4.5V
 Phase noise: -106dBc/Hz@10KHz
 Operating temperature: -40°C--+85°C
 Size:12.7x12.7x3.9mm
 Package type: SMD

Typical Applications

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

Mechanical Drawing & Pin Connections

Drawing No: A8% \$\$, (!&





Specifications

Parameter		Units	Min.	Typical	Max.
Operating Frequency Range		MHz	882		915
Power Supply (Vcc)	Voltage	Vdc		+5	
	Current	mA			25
Output Power		dBm	+1.5	+4	+6.5
Output Impedance		Ω		50	
Phase Noise @10kHz offset		dBc / Hz		-106	-101
Tuning Voltage (Vt)		V	0.5		+4.5
Tuning Voltage Sensitivity (Kv)		MHz / V		20-26	
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