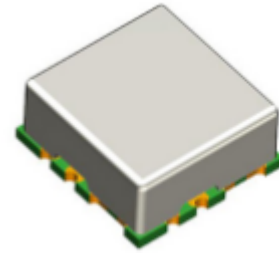




Features and Benefits

Frequency Range:3125-3275MHz
 Supply Voltage:6V
 Current: 40mA Typ.
 Output power: +7dBm Typ.
 Tuning Voltage: 0.5-4.5V
 Phase noise: -107dBc/Hz@10KHz
 Operating temperature: -40°C--+85°C
 Size:12.7x12.7x5.9mm
 Package type: SMD

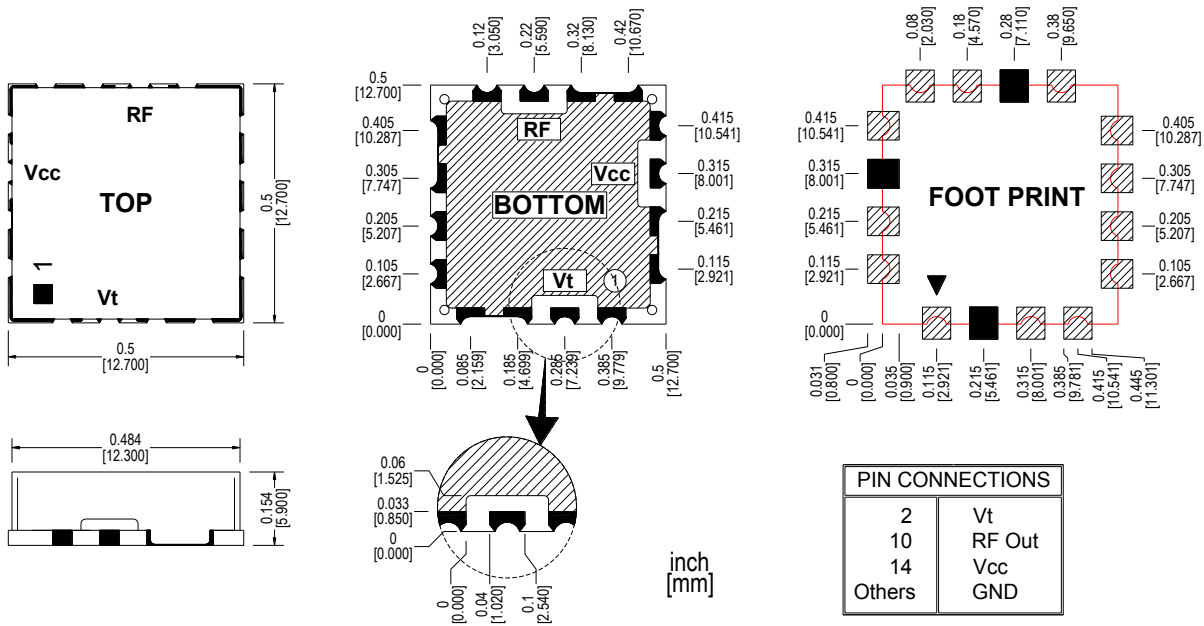


Typical Applications

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

Mechanical Drawing & Pin Connections

Drawing No: A 8 & \$\$\$' !%



PIN CONNECTIONS	
2	Vt
10	RF Out
14	Vcc
Others	GND



Specifications

Parameter		Units	Min.	Typical	Max.
Operating Frequency Range		MHz	3125		3275
Power Supply (Vcc)	Voltage	Vdc		+6	
	Current	mA		40	
Output Power		dBm		+7	
Output Impedance		Ω		50	
Phase Noise @10kHz offset		dBc / Hz		-107	
Phase Noise @100kHz offset		dBc / Hz		-127	
Tuning Voltage (Vt)		V	0.5		4.5
Tuning Voltage Sensitivity (Kv)		MHz / V		16-31	
2 nd Harmonic Suppression		dBc		-24	
Pushing Figure		MHz / V		0.4	
Pulling Figure		MHz		3.2	
Input Capacitance		pF		100	
Operating Temperature Range		$^{\circ}\text{C}$	-40		+85