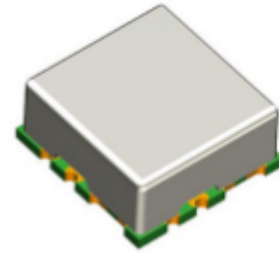




Features and Benefits

Frequency Range:240-760MHz
 Supply Voltage:5V
 Current: 23mA Typ.
 Output power: +8dBm Typ.
 Tuning Voltage: 0.5-24V
 Phase noise: -106dBc/Hz@10KHz
 Operating temperature: -40°C--+85°C
 Size:12.7x12.7x3.9mm
 Package type: SMD

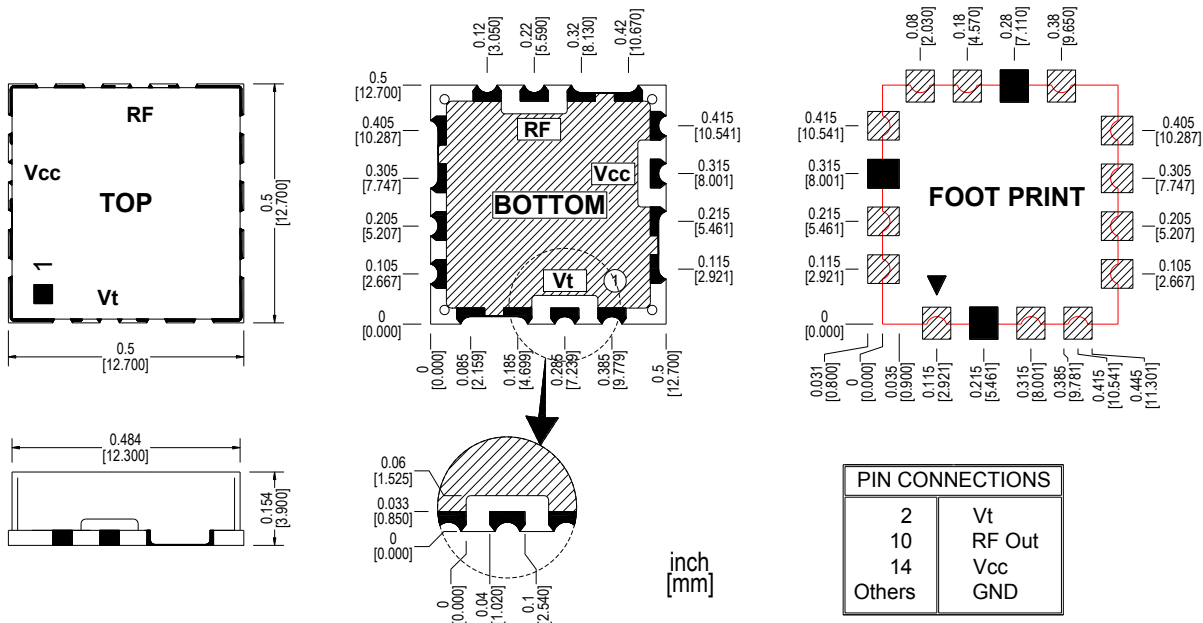


Typical Applications

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

Mechanical Drawing & Pin Connections

Drawing No: MD140084-2





Specifications

Parameter		Units	Min.	Typical	Max.
Operating Frequency Range		MHz	240		760
Power Supply (Vcc)	Voltage	Vdc		+5	
	Current	mA		23	30
Output Power		dBm	+6	+8	+10
Output Impedance		Ω		50	
Phase Noise @10kHz offset		dBc / Hz		-106	
Phase Noise @100kHz offset		dBc / Hz		-126	
Tuning Voltage (Vt)		V	0.5		24
Tuning Voltage Sensitivity (Kv)		MHz / V		14-24	
2 nd Harmonic Suppression		dBc		-13	
Pushing Figure		MHz / V		3	
Pulling Figure		MHz		10	
Input Capacitance		pF		100	
Operating Temperature Range		°C	-40		+85