



### Features and Benefits

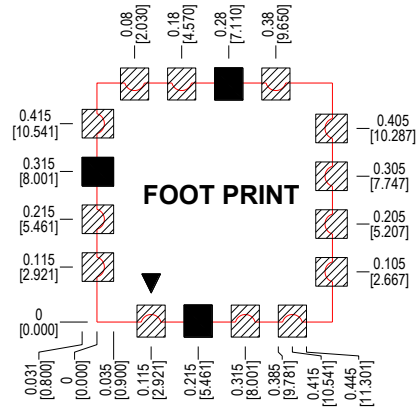
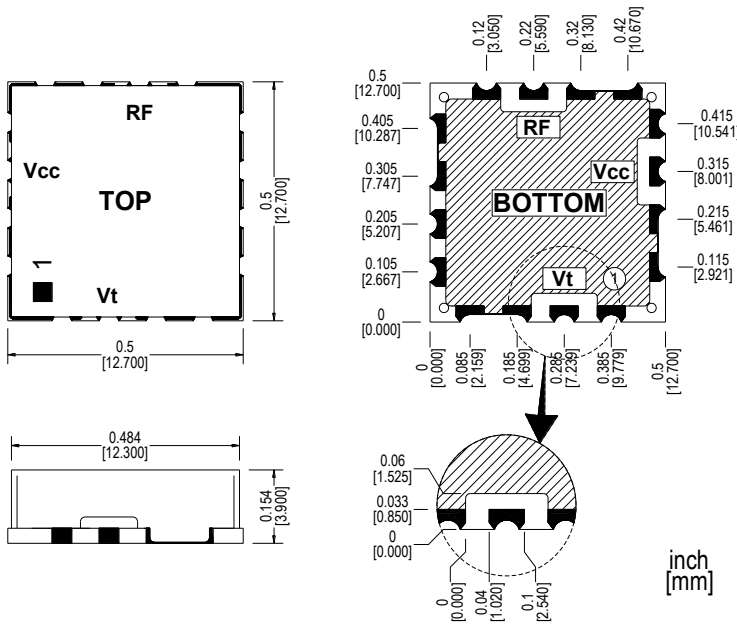
- Low phase noise
- Linear tuning characteristics
- Low pushing / Low pulling
- Aqueous washable

### Typical Applications

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

### Mechanical Drawing & Pin Connections

**Drawing No: MD140084-2**



PIN CONNECTIONS	
2	Vt
10	RF Out
14	Vcc
Others	GND



### Specifications

Parameter		Units	Min.	Typical	Max.
Operating Frequency Range		MHz	1100		1900
Power Supply (Vcc)	Voltage	Vdc		12	
	Current	mA		30	
Output Power		dBm	+5		+14
Output Impedance		Ω		50	
Phase Noise @10kHz offset		dBc / Hz		-97	
Phase Noise @100kHz offset		dBc / Hz		-115	
Tuning Voltage (Vt)		V	+2		+17
Tuning Voltage Sensitivity (Kv)		MHz / V		65	
2nd Harmonic Suppression		dBc		-10	
Pushing Figure		MHz / V		2	
Pulling Figure		MHz		15	
Input Capacitance		pF		100	
Operating Temperature Range		°C	-40		+85