



Features and Benefits

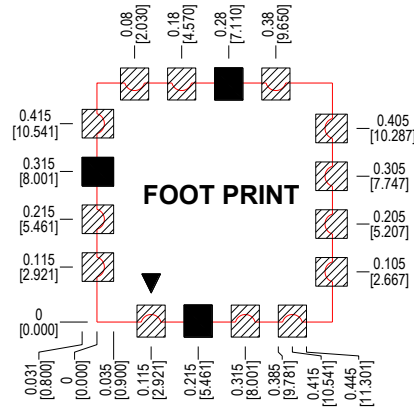
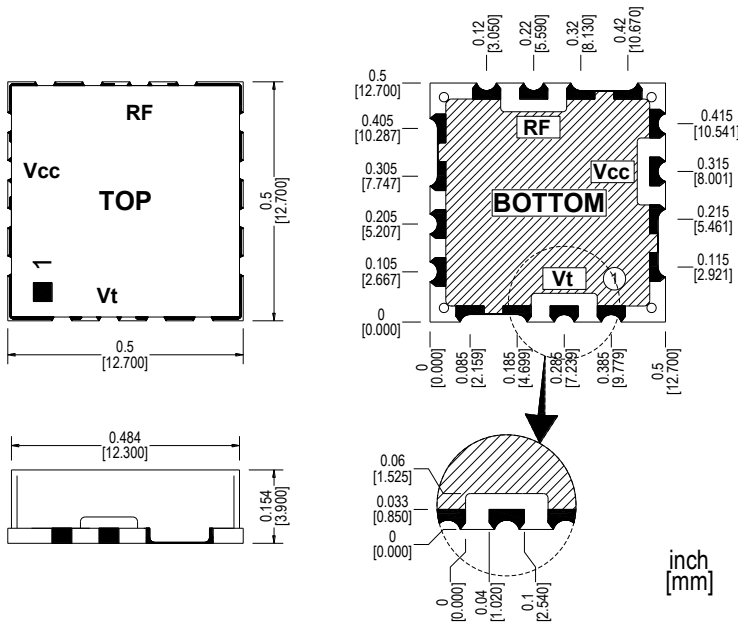
- Low phase noise
- Linear tuning characteristics
- Low pushing / Low pulling
- Aqueous washable

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

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Specifications

Parameter	Units	Min.	Typical	Max.
Operating Frequency Range	MHz	1480		1720
Power Supply (Vcc)	Voltage	Vdc	8	
	Current	mA	28	
Output Power	dBm	-3.5		+3.5
Output Impedance	Ω		50	
Phase Noise @10kHz offset	dBc / Hz		-100	
Phase Noise @100kHz offset	dBc / Hz		-118	
Tuning Voltage (Vt)	V	+1.5		+13
Tuning Voltage Sensitivity (Kv)	MHz / V		35	
2nd Harmonic Suppression	dBc		-12	
Pushing Figure	MHz / V		2	
Pulling Figure	MHz		4	
Input Capacitance	pF		47	
Operating Temperature Range	°C	-40		+85