

Features

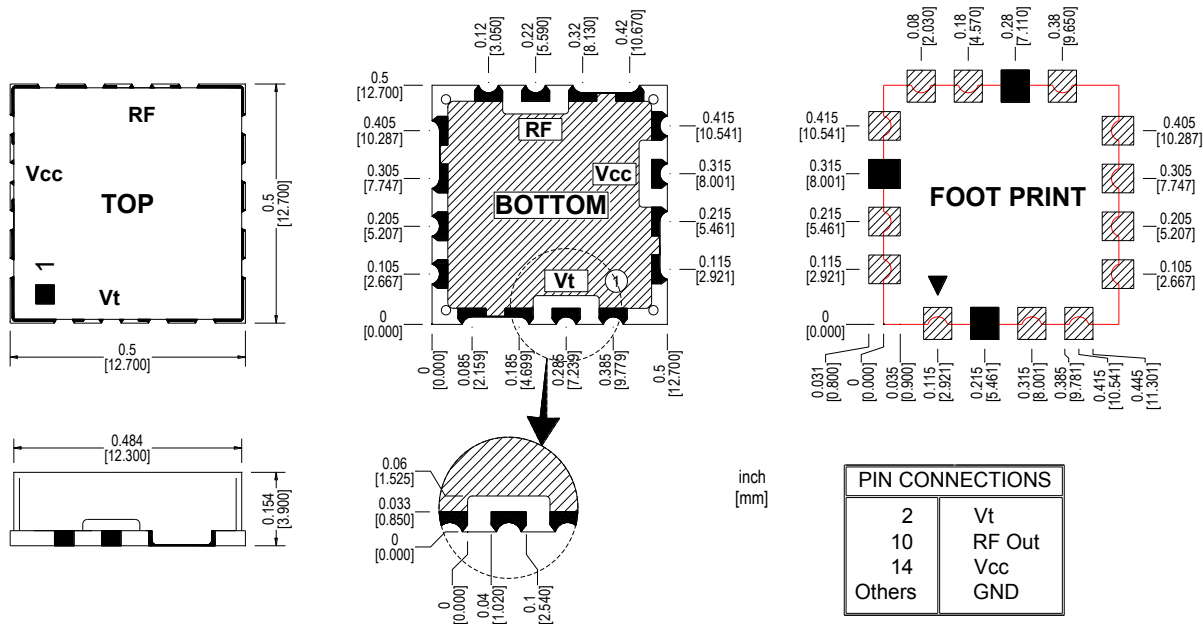
Low phase noise
 Linear tuning characteristics
 Low pushing / Low pulling
 Aqueous washable

Typical Applications

Broadcast
 VHF radio
 Wireless Telemetry
 Test Instrument-Signal Generation

Mechanical Drawing and PIN Connections

Drawing No: MD140084-1



Specifications

Electrical Characteristics

Parameter	Units	Min	Typ	Max
Operating Frequency Range	MHz	225		330
Output Power	dBm	2.0	5.0	
Output Impedance	Ω		50	
Phase Noise @200kHz offset	dBc/Hz		-138	-133
Tuning Voltage (Vt)	Vdc	0.0		16.0
Tuning Voltage Sensitivity (Kv)	MHz/V		9 - 12	
2nd Harmonic Suppression	dBc		-10	
Power Supply (Vcc) Voltage Current	Vdc		5	
	mA		25	30
Pushing Figure	MHz/V		2	
Pulling Figure(10dB Return Loss, all phases)	MHz		6	
Input Capacitance	pF		470	
Operating Temp. Range	°C	-20		+70