



## Features and Benefits

Frequency Range:2250-2650MHz

Tuning Voltage: 0-9V

Operating temperature:-40°C--+85°C

Size:12.7x12.7x3.9mm

## Typical Applications

SATCOM

Receiver

Test Equipment

Radar

Point –to-Point

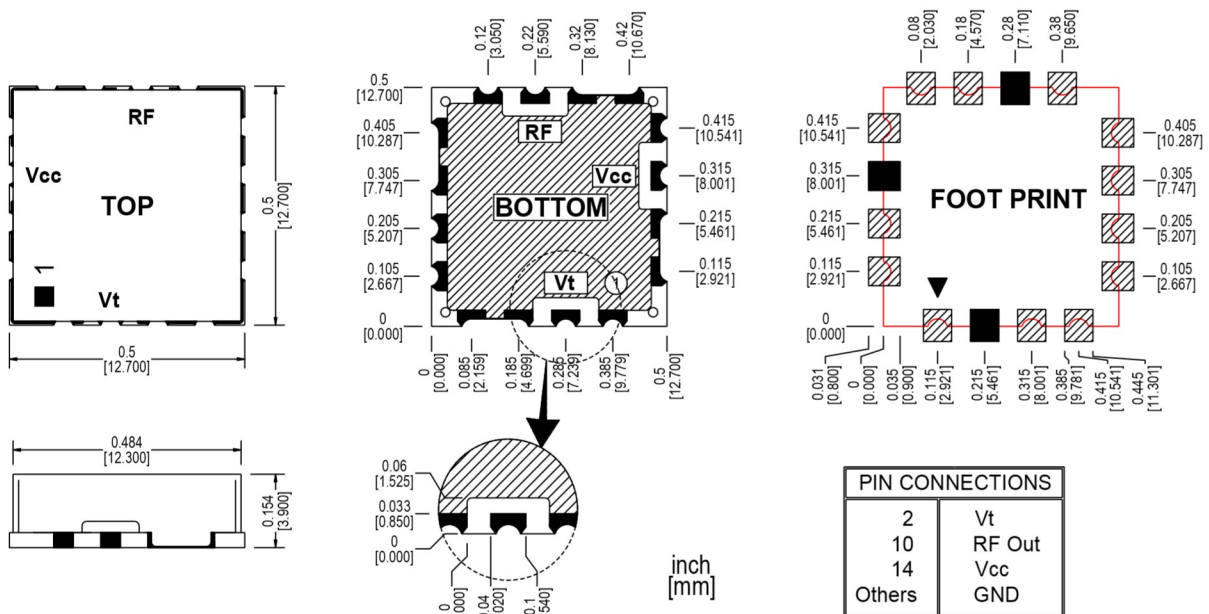
Radio

MMDS

WiMax

## Mechanical Drawing & Pin Connections

Drawing No: MD140084-2





## Specifications

Parameter		Units	Min.	Typical	Max.
Operating Frequency Range		MHz	2250		2650
Power Supply (Vcc)	Voltage	Vdc		5	
	Current	mA			40
Output Power		dBm	+2.5	+5.5	+8.5
Output Impedance		$\Omega$		50	
Phase Noise @10kHz offset		dBc / Hz		-90	
Phase Noise @100kHz offset		dBc / Hz		-108	
Tuning Voltage (Vt)		V	0		+9
Tuning Voltage Sensitivity (Kv)		MHz / V		58-78	
2nd Harmonic Suppression		dBc		-12	
Pushing Figure		MHz / V		5	
Pulling Figure		MHz		15	
Input Capacitance		pF		33	
Operating Temperature Range		$^{\circ}\text{C}$	-40		+85