



# Dynamic Engineers Inc.

2550 Gray Falls Dr., Suite#128, Houston, TX, 77077 USA  
 TEL: 1-281-870-8822 EMAIL: Sales@DynamicEng.com

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## Features and Benefits

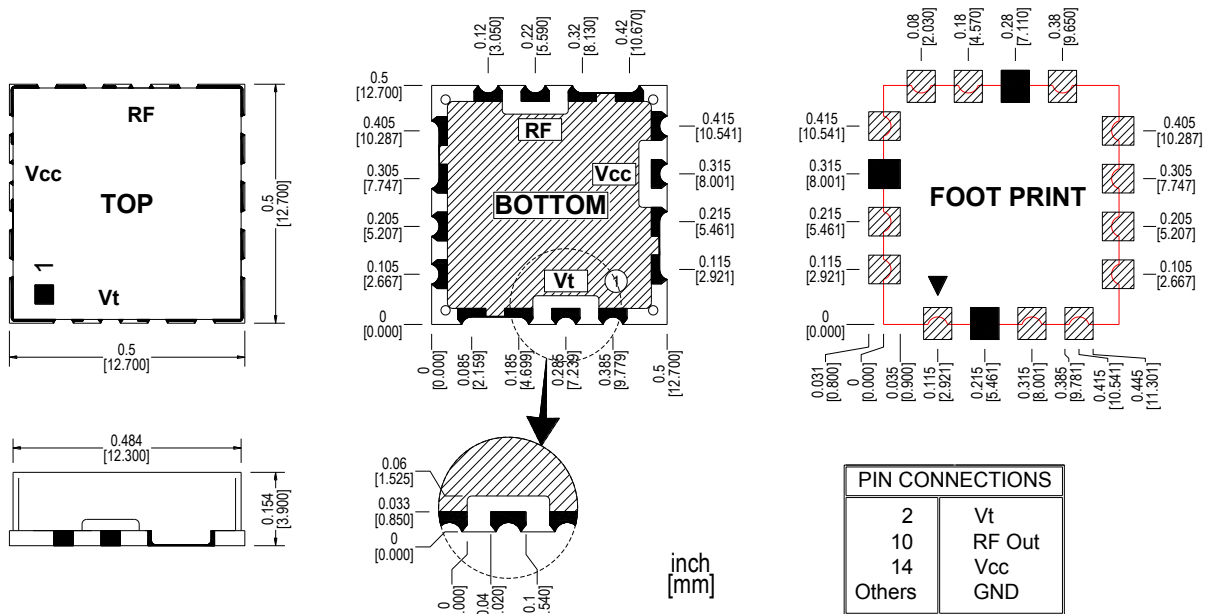
- Frequency Range:1700-2500MHz
- Tuning Voltage: 0-15V
- Operating temperature:-40°C--+85°C
- Size:12.7x12.7x3.9mm

## Typical Applications

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

## Mechanical Drawing & Pin Connections

Drawing No: A8%\$\$, (!&





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## Specifications

Parameter	Units	Min.	Typical	Max.
Operating Frequency Range	MHz	1700		2500
Power Supply (Vcc)	Voltage		10	
	Current			50
Output Power	dBm	+2	+7	+12
Output Impedance	Ω		50	
Phase Noise @10kHz offset	dBc / Hz		-88	
Phase Noise @100kHz offset	dBc / Hz		-108	
Tuning Voltage (Vt)	V	0		+15
Tuning Voltage Sensitivity (Kv)	MHz / V		65-85	
2nd Harmonic Suppression	dBc		-10	
Pushing Figure	MHz / V		10	
Pulling Figure	MHz		25	
Input Capacitance	pF		33	
Operating Temperature Range	°C	-40		+85