

## Features

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

## Applications

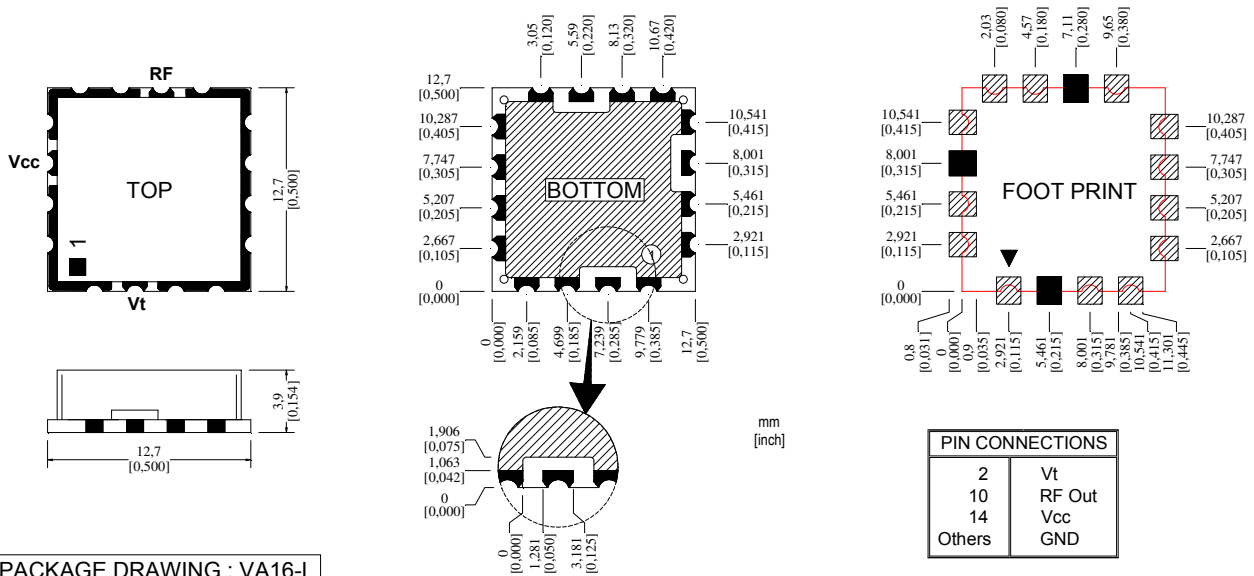
- Broadcast
- VHF radio
- Wireless Telemetry
- Test Instrument - Signal Generation

## Electrical Characteristics



Parameter	Units	Min	Typ	Max
Operating Frequency Range	MHz	169		179
Output Power	dBm		+2.5	
Output Impedance	$\Omega$		50	
Phase Noise	@10kHz offset	dBc/Hz	-117	
	@100kHz offset			
Tuning Voltage (Vt)	Vdc	+0.5		+4.5
Tuning Voltage Sensitivity (Kv)	MHz/V		5	
2nd Harmonic Suppression	dBc		-13	
Power Supply (Vcc)	Voltage	Vdc	3	
	Current			
Pushing Figure	MHz/V		0.3	
Pulling Figure	MHz		0.5	
Input Capacitance	pF		330	
Operating Temp. Range	°C	-40		+85

## Dimensions



PACKAGE DRAWING : VA16-L