

# Voltage Controlled Oscillator

# RSO2310AM

## Ultra Low Noise 2310 to 2310MHz

### Features

- Ultra low noise
- Linear tuning characteristics
- Low pushing / Low pulling

### Applications

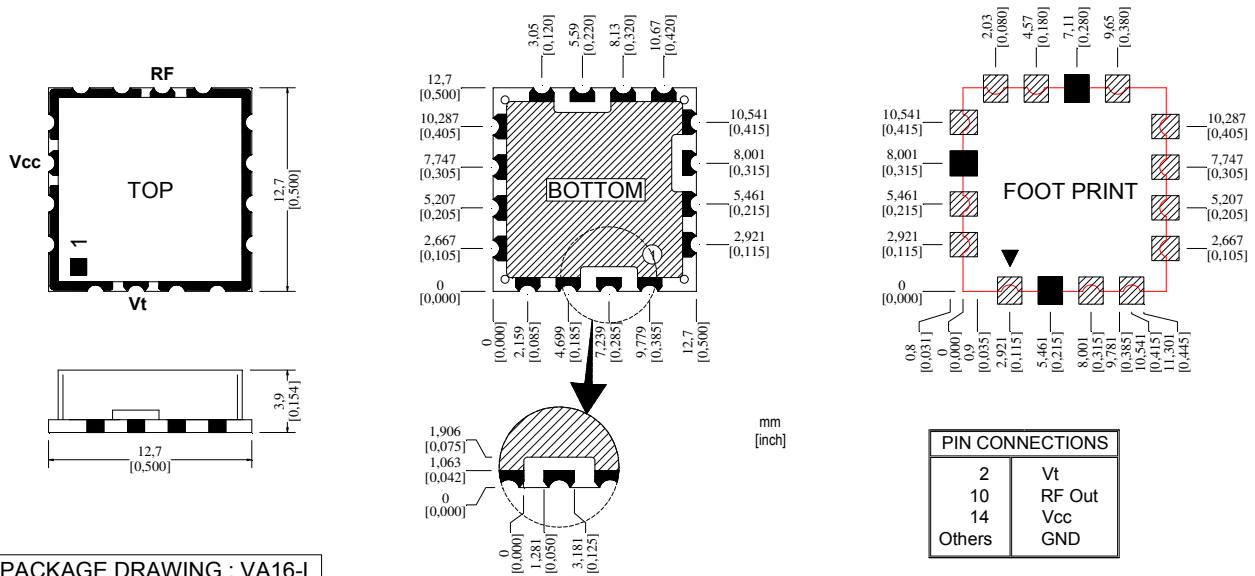
- SATCOM
- Receiver
- Test Equipment
- Radar
- Point-to-Point
- Radio
- MMDS
- WiMax

### Electrical Characteristics



Parameter	Units	Min	Typ	Max
Operating Frequency Range	MHz	2310		2310
Output Power	dBm		7.0	
Output Impedance	$\Omega$		50	
Phase Noise	@10kHz offset		-120	
	@100kHz offset		-140	
Tuning Voltage (Vt)	Vdc	+0.5		+4.5
Tuning Voltage Sensitivity (Kv)	MHz/V		7	
2nd Harmonic Suppression	dBc		-15	
Power Supply (Vcc)	Voltage		6	
	Current		28	
Pushing Figure	MHz/V		0.2	
Pulling Figure	MHz		2	
Input Capacitance	pF		47	
Operating Temp. Range	$^{\circ}\text{C}$	-40		+85

### Dimensions



PACKAGE DRAWING : VA16-L