

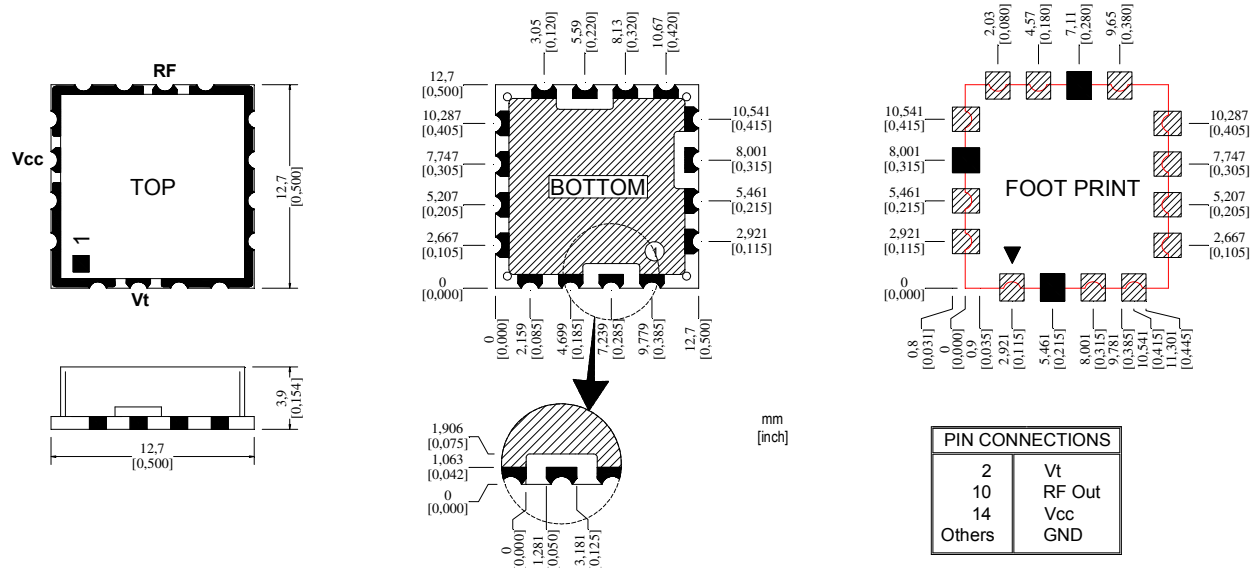
## Features

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

## Typical Applications

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

## Mechanical Drawing and PIN Connections



## Specification

| Parameter                       | Units          | Min  | Typ  | Max  |
|---------------------------------|----------------|------|------|------|
| Operating Frequency Range       | MHz            | 1190 |      | 1360 |
| Output Power                    | dBm            |      | 2.5  |      |
| Output Impedance                | $\Omega$       |      | 50   |      |
| Phase Noise                     | @10kHz offset  |      | -104 |      |
|                                 | @100kHz offset |      | -124 |      |
| Tuning Voltage (Vt)             | Vdc            | +1   |      | +4   |
| Tuning Voltage Sensitivity (Kv) | MHz/V          |      | 72   |      |
| 2nd Harmonic Suppression        | dBc            |      | -15  |      |
| Power Supply (Vcc)              | Voltage        |      | 5    |      |
|                                 | Current        |      | 15   |      |
| Pushing Figure                  | MHz/V          |      | 0.5  |      |
| Pulling Figure                  | MHz            |      | 4    |      |
| Input Capacitance               | pF             |      | 47   |      |
| Operating Temp. Range           | °C             | -40  |      | +85  |