TEL: 1-281-870-8822 EMAIL: Sales@DynamicEng.com

Features and Benefits

Frequency Range:1390-1410MHz

Supply Voltage:5.0V Current: 30mA Max. Output power: 0dBm Typ. Tuning Voltage: 0.5-4.5V

Phase noise: -108dBc/Hz@10KHz Operating temperature: -40°C--+85°C

Size:12.7x12.7x5.9mm

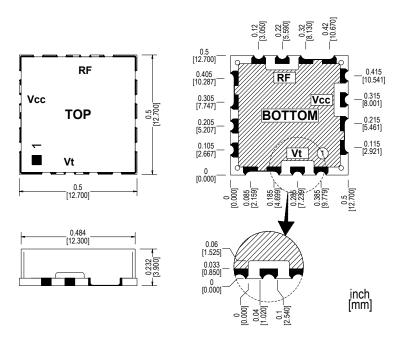
Typical Applications

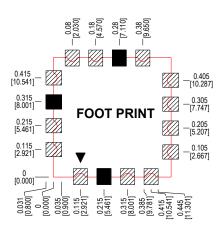
SATCOM Receiver Test Equipment Radar Point-to-Point Radio MMDS WiMax

Mechanical Drawing & Pin Connections

Drawing No:

MD140084-2





PIN CONNECTIONS				
2	Vt			
10	RF Out			
14	Vcc			
Others	GND			



Dynamic Engineers Inc.

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

J7 C%&%&6 E!% - \$A < n!%(%\$A < n!5 FHJ€ËI F€T P: ÂĴT ÖÂXÔUÁ

Specifications

Parameter		Units	Min.	Typical	Max.
Operating Frequency Range		MHz	1390		1410
Power Supply (Vcc)	Voltage	Vdc		+5.0	
	Current	mA			30
Output Power		dBm	-2.0	0	
Output Impedance		Ω		50	
Phase Noise	@10kHz offset	dBc / Hz		-108	
Phase Noise	@100kHz offset	dBc / Hz		-125	
Tuning Voltage (Vt)		V	+0.5		+4.5
Tuning Voltage Sensitivity (Kv)		MHz / V		15-20	
2nd Harmonic Suppression		dBc			-10
Pushing Figure		MHz / V			1
Pulling Figure(14dB RL, all phases)		MHz			1
Input Capacitance		pF		68	
Operating Temperature Range		°C	-40		+85