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

Features and Benefits

Frequency Range:1390-1410MHz

Supply Voltage:8.0V Current: 50mA Max. Output power: 7dBm Typ. Tuning Voltage: 0-12V

Phase noise: -120dBc/Hz@10KHz Operating temperature: -40°C--+85°C

Size:12.7x12.7x5.9mm

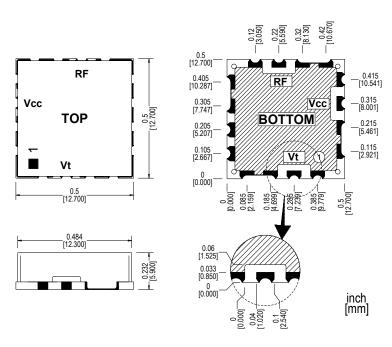
Typical Applications

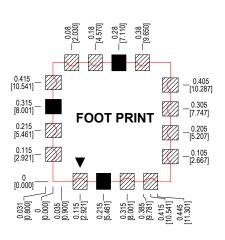
SATCOM Receiver Test Equipment Radar Point-to-Point Radio MMDS WiMax

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

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Specifications

Parameter		Units	Min.	Typical	Max.
Operating Frequency Range		MHz	1390		1410
Power Supply (Vcc)	Voltage	Vdc		+8.0	
	Current	mA			50
Output Power		dBm	4.0	7.0	10.0
Output Impedance		Ω		50	
Phase Noise	@10kHz offset	dBc / Hz		-120	-115
Phase Noise	@100kHz offset	dBc / Hz		-140	
Tuning Voltage (Vt)		V	+0.0		+12.0
Tuning Voltage Sensitivity (Kv)		MHz / V		4-5	
2nd Harmonic Suppression		dBc			-15
Pushing Figure		MHz / V			1
Pulling Figure (14dB RL, all phases)		MHz			1
Input Capacitance		pF		68	
Operating Temperature Range		°C	-40		+85