

Dynamic Engineers Inc.

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

Features and Benefits

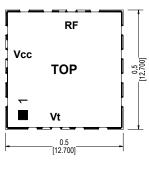
Frequency Range:1700-2500MHz Tuning Voltage: 0-15V Operating temperature:-40°C--+85°C Size:12.7x12.7x3.9mm

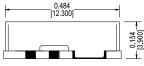
Typical Applications

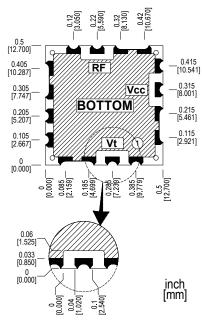
SATCOM Receiver Test Equipment Radar Point –to-Point Radio MMDS WiMax

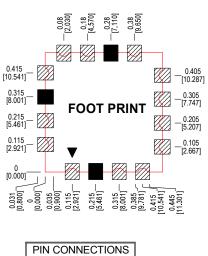
Mechanical Drawing & Pin Connections

Drawing No: MD140084-2









PIN CONNECTIONS				
2	Vt			
10	RF Out			
14	Vcc			
Others	GND			

Dynamic Engineers reserves the right to make changes to the company datasheet(s) along with other information contained inside, such as data tables and araphs without notification to potential customers who may have earlier revisions in their possession.



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Specifications

Parameter		Units	Min.	Typical	Max.
Operating Frequency Range		MHz	1700		2500
Power Supply (Vcc)	Voltage	Vdc		10	
	Current	mA			50
Output Power		dBm	+2	+7	+12
Output Impedance		Ω		50	
Phase Noise @10kHz offset		dBc / Hz		-88	
Phase Noise	@100kHz offset	dBc / Hz		-108	
Tuning Voltage (Vt)		V	0		+15
Tuning Voltage Sensitivity (Kv)		MHz / V		65-85	
2nd Harmonic Suppression		dBc		-10	
Pushing Figure		MHz / V		10	
Pulling Figure		MHz		25	
Input Capacitance		pF		33	
Operating Temperature Range		°C	-40		+85