

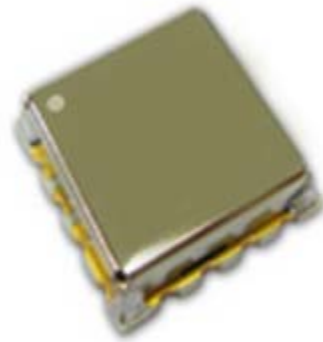
## Features and Benefits

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

## Picture



## Specifications

Parameter	Units	Min.	Typical	Max.
Operating Frequency Range	MHz	2044.6		2069.6
Output Power	dBm	+3.0	+6.0	
Output Impedance	$\Omega$		50	
Phase Noise	@10kHz offset		-116	
	@100kHz offset		-136	
	@1MHz offset		-153	
	@10Mhz offset		-163	
Tuning Voltage (Vt)	Vdc	0		12
Tuning Voltage Sensitivity (Kv)	MHz/V		5 ~ 7	
2nd Harmonic Suppression	dBc			-15
Power Supply (Vcc)	Voltage		5.0	
	Current			35
Pushing Figure	MHz/V		1.5	
Pulling Figure (9.5dB Return Loss, all phases)	MHz		2	
Input Capacitance	pF		5.0	
Operating Temp. Range	$^{\circ}\text{C}$	-40		+85

## Mechanical Drawing & Pin Connections

Drawing No: MD140006-1

