

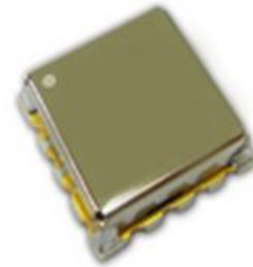
Features and Benefits

Low phase noise
 Linear tuning characteristics
 Low pushing / Low pulling

Typical Applications

SATCOM
 Radar
 Test Instruments
 Point-to-Point
 Industrial / Medical
 WiMax

Picture



Specifications

Parameter	Units	Min.	Typical	Max.
Operating Frequency Range	MHz	4000		8000
Output Power	dBm	-5.0		+6.0
Output Impedance	Ω		50	
Phase Noise @ 10KHz	dBc/Hz		-78	
@ 100KHz	dBc/Hz		-103	
@ 1000KHz	dBc/Hz		-124	
Tuning Voltage (Vt)	Vdc	0.0		16.0
Tuning Voltage Sensitivity (Kv)	MHz/V		30 ~ 350	
2nd Harmonic Suppression	dBc		-19	
Power Supply (Vcc)	Voltage	Vdc	5.0	
	Current	mA	20	
Pushing Figure	MHz/V		10	
Pulling Figure	MHz		30	
Input Capacitance	pF		15	
Operating Temp. Range	$^{\circ}\text{C}$	-40		+85

Mechanical Drawing & Pin Connections

