

Features and Benefits

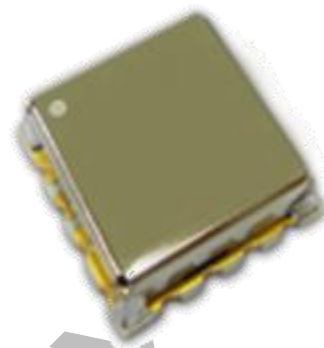
Low Phase Noise
Linear tuning characteristics
Low pushing / Low pulling
Aqueous washable

Typical Applications

SATCOM
Receiver
Test Equipment
Radar

Point-to-Point
Radio
MMDS
WiMax

Picture



Specifications

Parameter	Units	Min.	Typical	Max.
Operating Frequency Range	MHz	1990		2060
Output Power	dBm	-1.0		+7.0
Output Impedance	Ω		50	
Phase Noise @10kHz offset	dBc/Hz		-105	-97
@100kHz offset	dBc/Hz		-125	-120
Tuning Voltage (Vt)	Vdc	0.0		5.0
Tuning Voltage Sensitivity (Kv)	MHz/V		22.9 – 52.7	
2nd Harmonic Suppression	dBc		-23	-10
Power Supply (Vcc) Voltage	Vdc		8	
Current	mA		25	35
Pushing Figure	MHz/V		5	
Pulling Figure (9.5dB Return Loss, all phases)	MHz		0.73	
Input Capacitance	pF		100	
Operating Temp. Range	$^{\circ}\text{C}$	-40		+85

Mechanical Drawing & Pin Connections

