

Features and Benefits

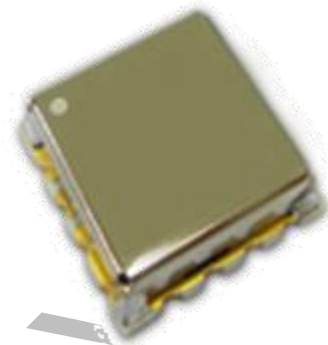
Low Phase Noise
 Linear tuning characteristics
 Low pushing / Low pulling
 Aqueous washable

Typical Applications

SATCOM
 Receiver
 Test Equipment
 Radar

Point-to-Point
 Radio
 MMDS
 WiMax

Picture



Specifications

Parameter	Units	Min.	Typical	Max.
Operating Frequency Range	MHz	2450		3200
Output Power	dBm		9.0	
Output Impedance	Ω		50	
Phase Noise @10kHz offset	dBc/Hz		-98	
@100kHz offset	dBc/Hz		-118	-116
Tuning Voltage (Vt)	Vdc	0		+10
Tuning Voltage Sensitivity (Kv)	MHz/V		75	
2nd Harmonic Suppression	dBc		-18	
Power Supply (Vcc)	Vdc		5	
Current	mA		27	
Pushing Figure	MHz/V		1.5	
Pulling Figure (9.5dB Return Loss, all phases)	MHz		3	
Input Capacitance	pF		20	
Operating Temp Range	$^{\circ}\text{C}$	-40		+85

Mechanical Drawing & Pin Connections

