

Features and Benefits

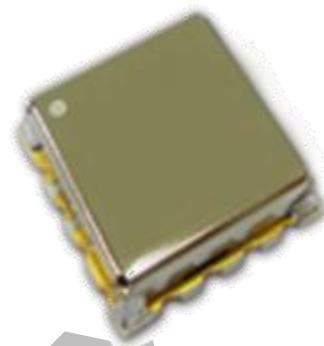
Low Phase Noise
Linear tuning characteristics
Low pushing / Low pulling
Aqueous washable

Typical Applications

SATCOM
Receiver
Test Equipment
Radar

Point-to-Point
Radio
MMDS
WiMax

Picture



Specifications

Parameter	Units	Min.	Typical	Max.
Operating Frequency Range	MHz		1688	
Output Power	dBm	0.0	+2.0	+4.0
Output Impedance	Ω		50	
Phase Noise @10kHz offset	dBc/Hz		-120	-115
Phase Noise @100kHz offset	dBc/Hz		-140	-135
Tuning Voltage (Vt)	Vdc	0.25		4.75
Tuning Voltage Sensitivity (Kv)	MHz/V		0.5 – 5.9	
2nd Harmonic Suppression	dBc		-22	-10
Power Supply (Vcc) Voltage	Vdc		5	
Power Supply (Vcc) Current	mA		30	40
Pushing Figure	MHz/V		4	
Pulling Figure (9.5dB Return Loss, all phases)	MHz		0.132	
Input Capacitance	pF		100	
Operating Temp. Range	$^{\circ}\text{C}$	-40		+85

Mechanical Drawing & Pin Connections

