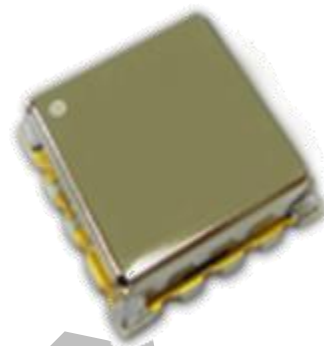


Features and Benefits

Ultra low noise
Linear tuning characteristics
Low pushing / Low pulling

Picture



Typical Applications

SATCOM
Receiver
Test Equipment
Radar

Point-to-Point
Radio
MMDS
WiMax

Specifications

Parameter	Units	Min.	Typical	Max.
Operating Frequency Range	MHz	2165		2185
Output Power	dBm	3.0	6.0	
Output Impedance	Ω		50	
Phase Noise @10kHz offset	dBc/Hz		-114	-109
Phase Noise @100kHz offset	dBc/Hz		-134	-129
Tuning Voltage (Vt)	Vdc	+1.0		+7.0
Tuning Voltage Sensitivity (Kv)	MHz/V		9-12	
2nd Harmonic Suppression	dBc		-13	
Power Supply (Vcc) Voltage	Vdc		8	
Power Supply (Vcc) Current	mA		28	
Pushing Figure	MHz/V		0.1	
Pulling Figure (9.5dB Return Loss, all phases)	MHz		1.8	
Input Capacitance	pF		100	
Operating Temp. Range	$^{\circ}\text{C}$	-40		+85

Mechanical Drawing & Pin Connections

