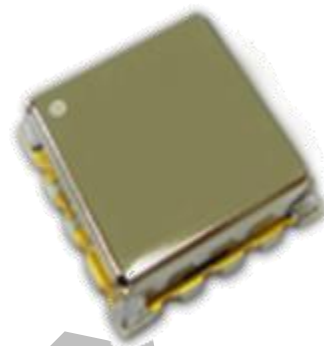


Features and Benefits

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	1664		1664
Output Power	dBm		7.0	
Output Impedance	Ω		50	
Phase Noise @10kHz offset	dBc/Hz		-125	
Phase Noise @100kHz offset	dBc/Hz		-145	
Tuning Voltage (Vt)	Vdc	+0.5		+4.5
Tuning Voltage Sensitivity (Kv)	MHz/V		6	
2nd Harmonic Suppression	dBc		-20	
Power Supply (Vcc)	Voltage		8	
	Current		24	
Pushing Figure	MHz/V		0.1	
Pulling Figure (9.5dB Return Loss, all phases)	MHz		1	
Input Capacitance	pF		47	
Operating Temp. Range	$^{\circ}\text{C}$	-40		+85

Mechanical Drawing & Pin Connections

