

Features and Benefits

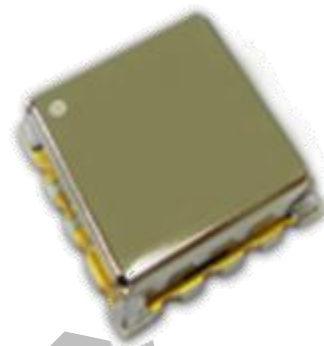
Low Phase Noise
Linear tuning characteristics
Low pushing / Low pulling
Aqueous washable

Typical Applications

SATCOM
Receiver
Test Equipment
Radar

Point-to-Point
Radio
MMDS
WiMax

Picture



Specifications

Parameter	Units	Min.	Typical	Max.
Operating Frequency Range	MHz	1665		1705
Output Power	dBm	+1.0	+3.0	+5.0
Output Impedance	Ω		50	
Phase Noise @10kHz offset	dBc/Hz		-107	-102
Phase Noise @100kHz offset	dBc/Hz		-127	-122
Tuning Voltage (Vt)	Vdc	0.5		4.5
Tuning Voltage Sensitivity (Kv)	MHz/V		1.5 – 34.1	
2nd Harmonic Suppression	dBc		-20	-10
Power Supply (Vcc)	Vdc		5	
Current	mA		17	20
Pushing Figure	MHz/V		4	
Pulling Figure (9.5dB Return Loss, all phases)	MHz		0.52	
Input Capacitance	pF		100	
Operating Temp. Range	$^{\circ}\text{C}$	-40		+85

Mechanical Drawing & Pin Connections

