

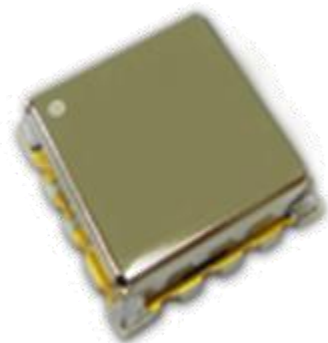
Features and Benefits

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

Typical Applications

SATCOM Point-to-Point
Receiver Radio
Test Equipment MMDS
Radar WiMax

Picture



Specifications

Parameter	Units	Min.	Typical	Max.
Operating Frequency Range	MHz	1800		1900
Output Power	DBm		0.0	
Output Impedance	Ω		50	
Phase Noise	dBc/Hz		-107	
	@10kHz offset			
	@100kHz offset		-127	
Tuning Voltage (Vt)	Vdc	+0.5		+4.5
Tuning Voltage Sensitivity (Kv)	MHz/V		40	
2nd Harmonic Suppression	dBc		-30	
Power Supply (Vcc)	Voltage		5	
	Current		27	
Pushing Figure	MHz/V		0.7	
Pulling Figure (9.5dB Return Loss, all phases)	MHz		0.5	
Input Capacitance	pF		47	
Operating Temp. Range	$^{\circ}\text{C}$	-40		+85

Mechanical Drawing & Pin Connections

