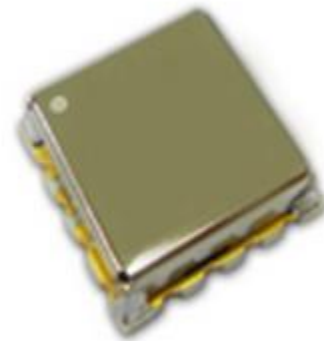


Features and Benefits

Low phase noise
Linear tuning characteristics
Low pushing / Low pulling
Aqueous washable

Picture



Typical Applications

SATCOM
Receiver
Test Equipment
Radar

Point-to-Point
Radio
MMDS
WiMax

Specification

Parameter	Units	Min.	Typical	Max.
Operating Frequency Range	MHz	1850		2050
Output Power	dBm	+2.0	+ 5.0	
Output Impedance	Ω		50	
Phase Noise @ 10kHz offset	dBc/Hz		-107	
Tuning Voltage (Vt)	Vdc	1		14
Tuning Voltage Sensitivity (Kv)	MHz/V		22 ~ 25	
2nd Harmonic Suppression	dBc		-18	
Power Supply (Vcc)	Vdc		5.0	
	Current		30	
Pushing Figure	MHz/V		1	2
Pulling Figure (14dB Return Loss, all phases)	MHz		1	
Input Capacitance	pF		47	
Operating Temp. Range	$^{\circ}\text{C}$	-40		+85

Mechanical Drawing & Pin Connections

