

Features and Benefits

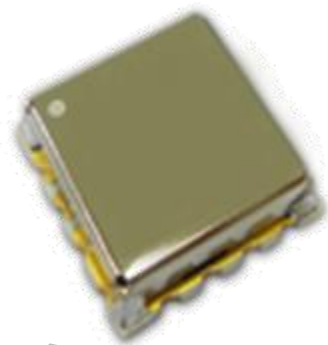
Low Phase Noise
Linear tuning characteristics
Low pushing / Low pulling
Aqueous washable

Typical Applications

SATCOM
Receiver
Test Equipment
Radar

Point-to-Point
Radio
MMDS
WiMax

Picture



Specifications

Parameter	Units	Min.	Typical	Max.
Operating Frequency Range	MHz	1940		1960
Output Power	DBm		0.0	
Output Impedance	Ω		50	
Phase Noise @10kHz offset	dBc/Hz		-109	
Phase Noise @100kHz offset	dBc/Hz		-129	
Tuning Voltage (Vt)	Vdc	+0.5		+4.5
Tuning Voltage Sensitivity (Kv)	MHz/V		13	
2nd Harmonic Suppression	dBc		-20	
Power Supply (Vcc) Voltage	Vdc		5	
Power Supply (Vcc) Current	mA		24	
Pushing Figure	MHz/V		1	
Pulling Figure (9.5dB Return Loss, all phases)	MHz		3	
Input Capacitance	pF		47	
Operating Temp. Range	$^{\circ}\text{C}$	-40		+85

Mechanical Drawing & Pin Connections

