



Dynamic Engineers Inc.

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VCO900-1100B

900 to 1100 MHz

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

Specifications

Parameter	Units	Min.	Typical	Max.
Operating Frequency Range	MHz	900		1100
Output Power	dBm	2.5	5	7.5
Phase Noise @10kHz offset	dBc/Hz		-105	-100
Tuning Voltage (Vt)	Vdc		0.5-11	
Tuning Voltage Sensitivity (Kv)	MHz/V		17-47	
2nd Harmonic Suppression	dBc			-10
Power Supply (Vcc)	Voltage		5	
	Current			30
Operating Temp. Range	°C	-40		+85

Mechanical Drawing & Pin Connections

Drawing No: MD140084-1

