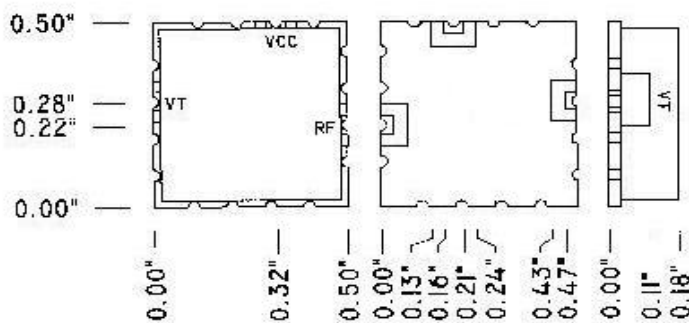




## V-0785-05

### Surface Mount Voltage Controlled Oscillator 720-850 MHz

MS Package:



Electical Specifications, Test data @25°C Subject to change without notice

Parameter	Test Conditions	Units	Min.	Typ.	Max.
Frequency Range		MHz	720		850
Tuning Voltage <sup>3</sup>		V	0.5		4.5
Mod Sense <sup>1</sup>		MHz/V	25		52
Output Power <sup>1,2</sup>		dBm	5.0	6.0	7.0
Pushing	VCC 4.75-5.25	MHz/V		<3.0	
Pulling	@ 12dB RL, All Angles	MHz		<3.5	5.0
Harmonics <sup>All</sup>		dBc		-13	-10
Spurious		dBc			-70
Phase noise	SSB @ 10KHz	dBc/Hz			-85
	SSB @ 100KHz	dBc/Hz			-110
	SSB @ 1000KHz	dBc/Hz			-132
Temp Range		°C	-40		+70
VCC		V	+4.75	+5	+5.25
Icc		mA			15
Tune Capacitance		pF			50

1. All data specified are with a 50-Ohm termination

2. Power Flatness specified @ Min., Max frequencies, and Temp Range.

3. Guaranteed to Operate at 0 and 10 volts.