



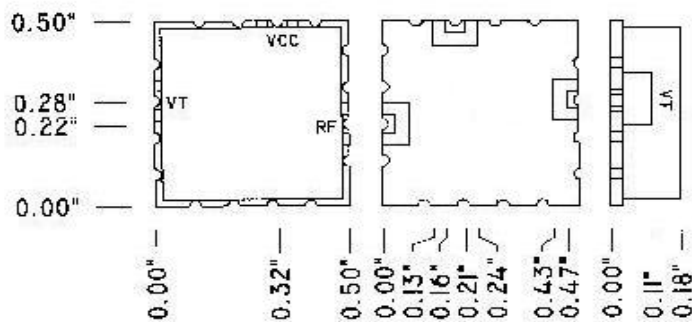
PREMIER DEVICES

1860 Hartog Drive, San Jose, CA 95131

V-0300-05

Surface Mount Voltage Controlled Oscillator 270-330MHz

MS Package:



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

Parameter	Test Conditions	Units	Min.	Typ.	Max.
Frequency Range		MHz	270		330
Tuning Voltage ³		V	0.5		4.5
Mod Sense ¹		MHz/V	12		22
Output Power ^{1,2}		dBm	0.0	2.0	4.0
Pushing	VCC 4.75-5.25	MHz/V		<1.0	2.0
Pulling	@ 12dB RL, All Angles	MHz		<1.0	2.0
Harmonics ^{All}		dBc		-10	-8
Spurious		dBc			-70
Phase noise	SSB @ 10KHz	dBc/Hz		-98	-95
	SSB @ 100KHz	dBc/Hz		-120	-118
	SSB @ 1000KHz	dBc/Hz		-140	-138
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.