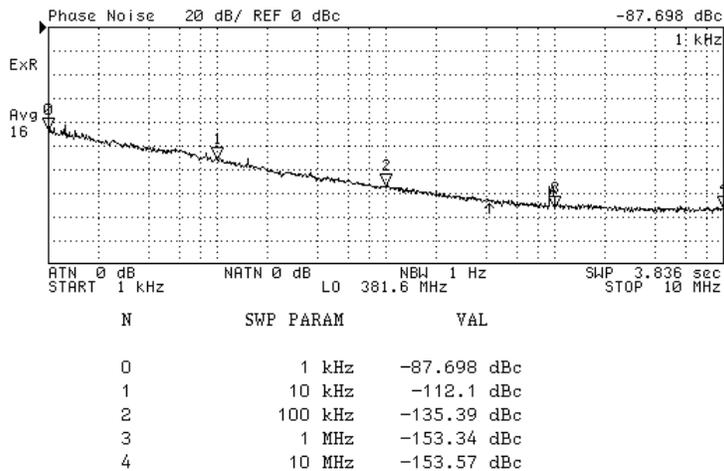


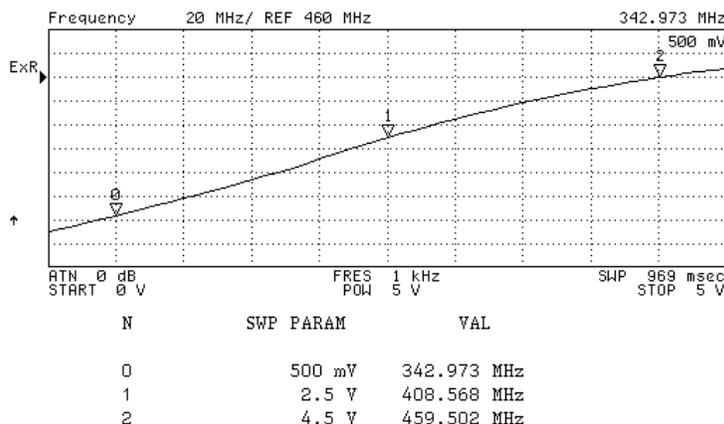


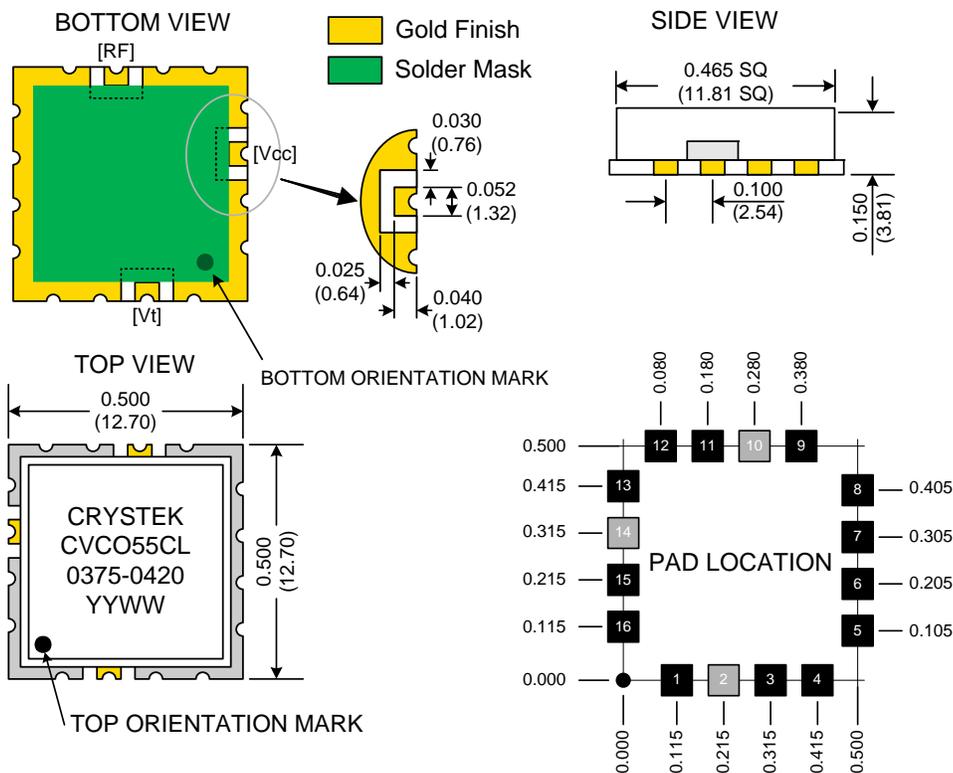
PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			375	MHz
Upper Frequency:	420			MHz
Tuning Voltage:	0.5		4.5	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	+6.0	+8.0	+10.0	dBm
Supply Current:			22	mA
Harmonic Suppression (2 <sup>nd</sup> Harmonic):		-10		dBc
Pushing:			3.0	MHz/V
Pulling, all Phases:			1.5	MHz pk-pk
Tuning Sensitivity:		30		MHz/V
Phase Noise @ 10kHz offset:		-111		dBc/Hz
Phase Noise @ 100kHz offset:		-134		dBc/Hz
Load Impedance:		50		$\Omega$
Input Capacitance:			220	pF
Operating Temperature Range:	-40		+85	$^{\circ}\text{C}$
Storage Temperature Range:	-45		+90	$^{\circ}\text{C}$

### Phase Noise (1 Hz BW, Typical)

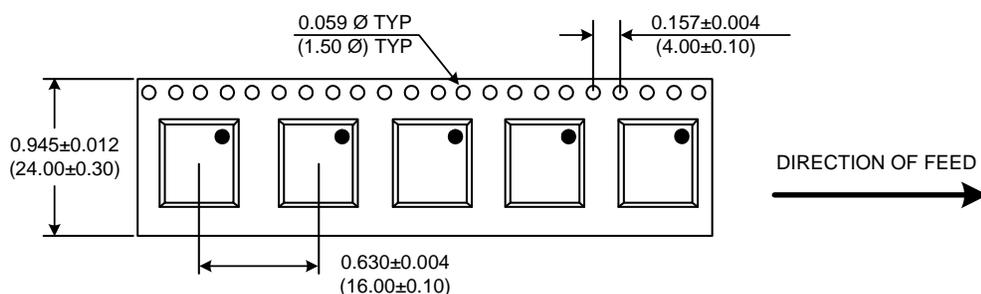


### Tuning Curve (Typical)





### TAPE AND REEL



Drawing not to scale

#### Product Control:

Crystek Part Number:	CVCO55CL-0375-0420	Release Date:	05-Feb-08
Revision Level:	B	Responsible:	C. Vales

Specification is subject to change without notice