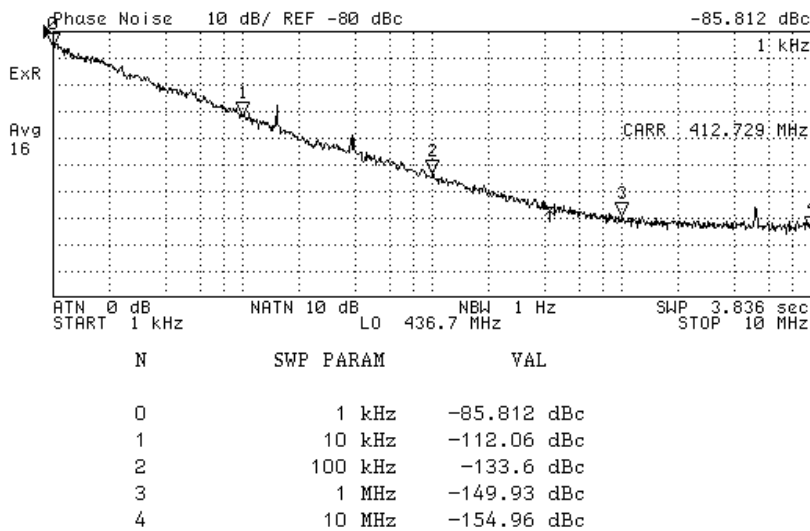
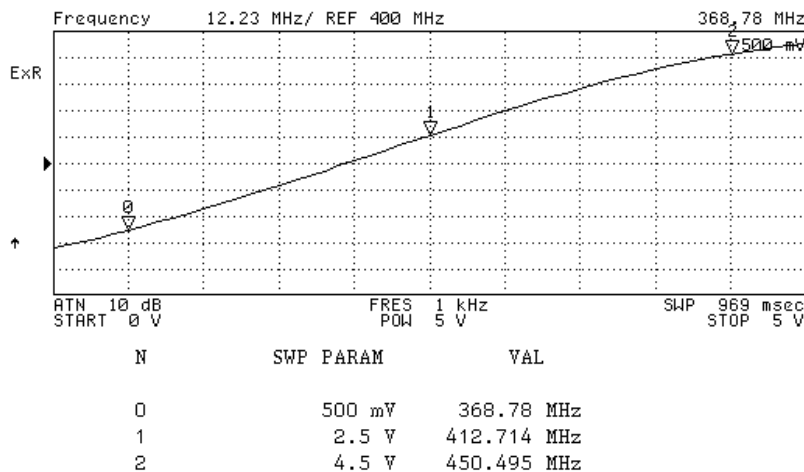


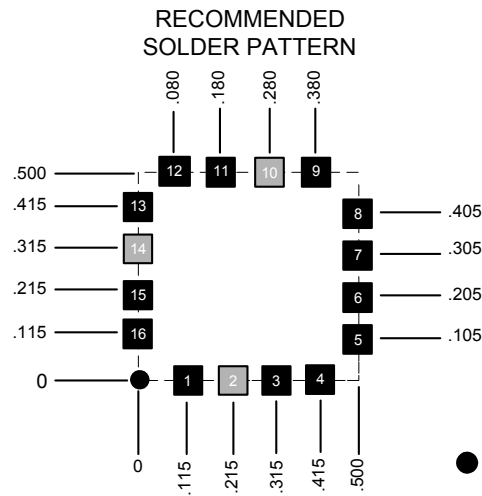
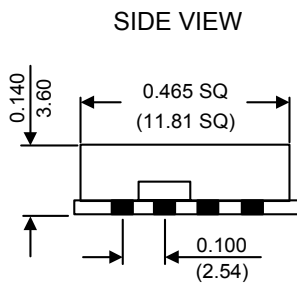
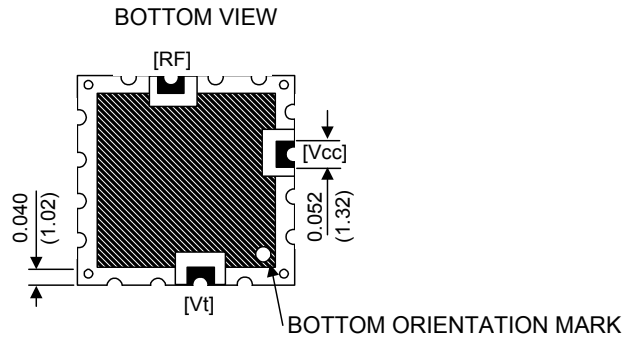
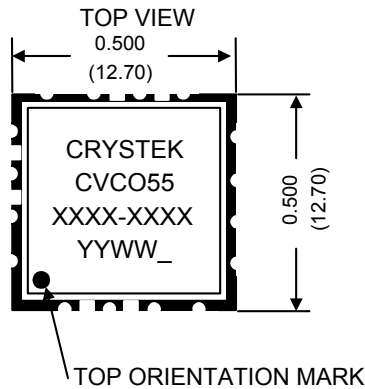
AVAILABLE PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			393	MHz
Upper Frequency:	428			
Tuning Voltage:	0.5		4.5	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	0	3.0	+6.0	dBm
Supply Current:		8		mA
Harmonic Suppression (2nd Harmonic):		-12		dBc
Pushing:		0.5	2	MHz/V
Pulling, all Phases:		1	2	MHz
Tuning Sensitivity:		15		MHz/V
Phase Noise: @ 10kHz offset:		-112		dBc/Hz
Load Impedance:		50		$\Omega$
Input Capacitance:			100	pF
Operating Temperature Range:	-40		+85	$^{\circ}\text{C}$

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



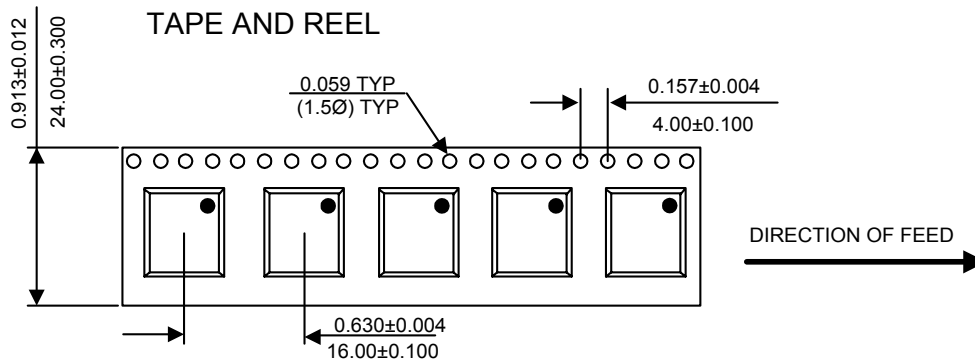
### Tuning Curve, Typical





Pad	Connection
2	Vt
10	RF-OUTPUT
14	Vcc
Others	GROUND

- Unless otherwise specified, Dimensions are in: IN (mm)
- Recommended Solder Pattern dimension are in: Inches



Drawing not to scale

Product Control:			
Crystek Part Number:	CVCO55CL-0393-0428	Release Date:	17-Dec-03
Revision Level:	A	Responsible:	C. Vales