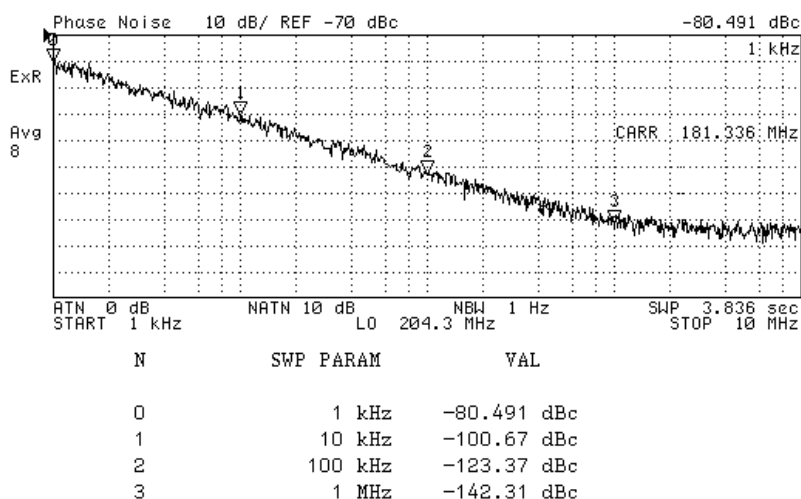
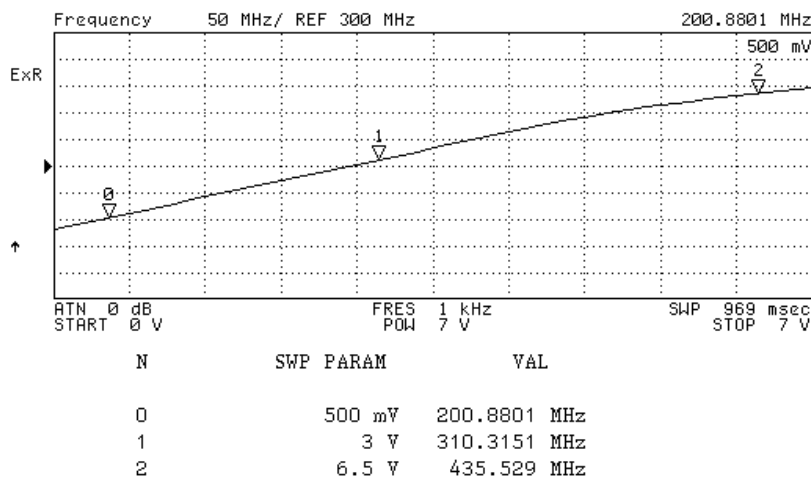


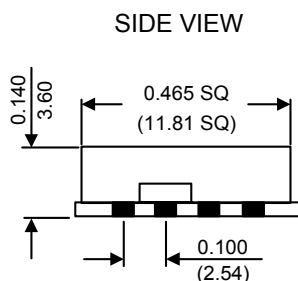
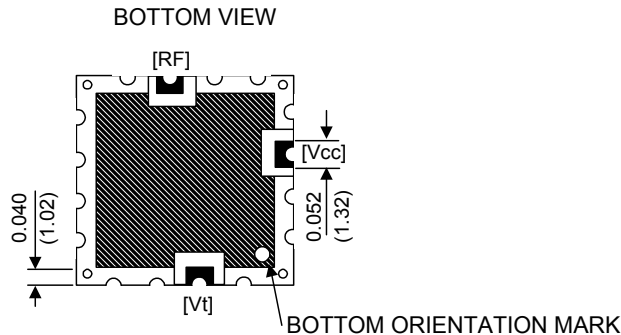
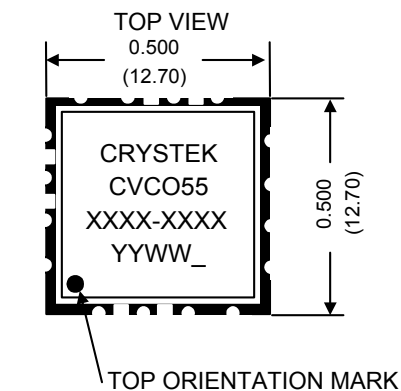
AVAILABLE PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			225	MHz
Upper Frequency:	425			
Tuning Voltage:	0.5		6.5	VDC
Supply Voltage:	6.75	7.0	7.25	VDC
Output Power:	-13	-10	-7	dBm
Supply Current:		5	15	mA
Harmonic Suppression (2nd Harmonic):		-15		dBc
Pushing:		1	3	MHz/V
Pulling, all Phases:		1	5	MHz
Tuning Sensitivity:		75		MHz/V
Phase Noise: @ 10kHz offset:		-100		dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			100	pF
Operating Temperature Range:	-40		+85	$^{\circ}\text{C}$

Phase Noise (1 Hz BW, Typical)

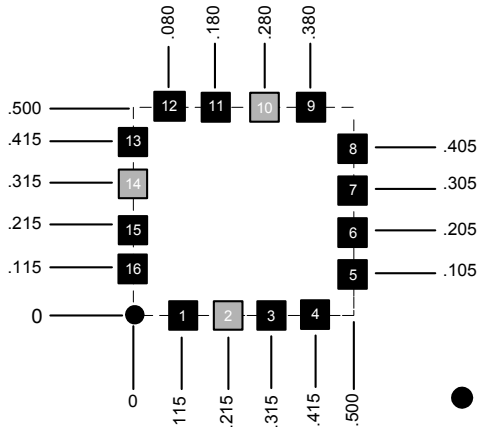


Tuning Curve, Typical



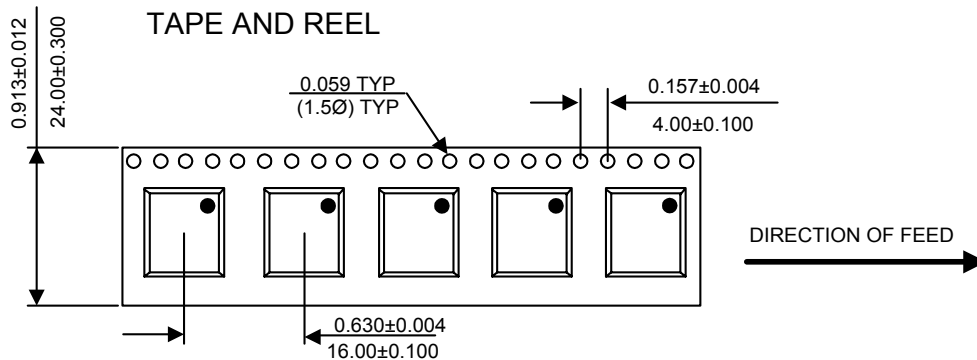


RECOMMENDED SOLDER PATTERN



Pad	Connection
2	V _t
10	RF-OUTPUT
14	V _{cc}
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-0225-0425	Release Date:	18-Dec-03
Revision Level:	A	Responsible:	C. Vales