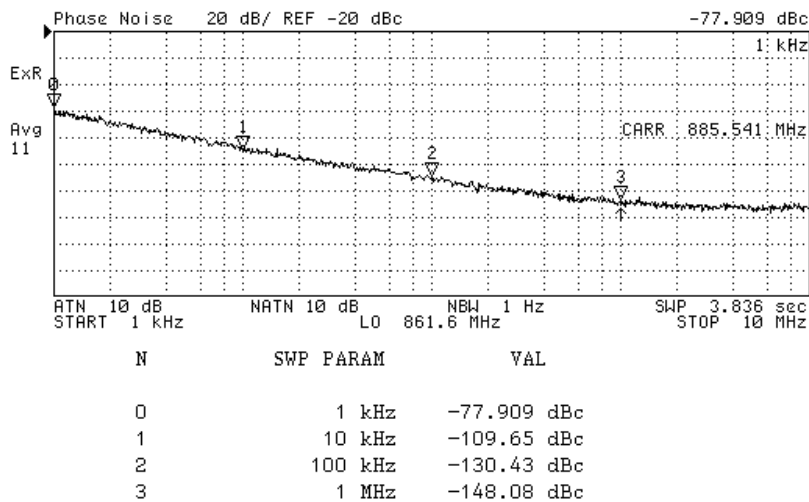
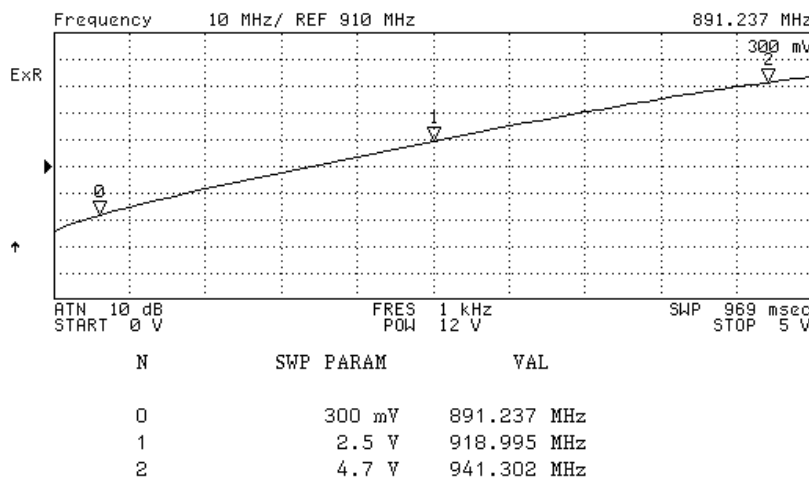


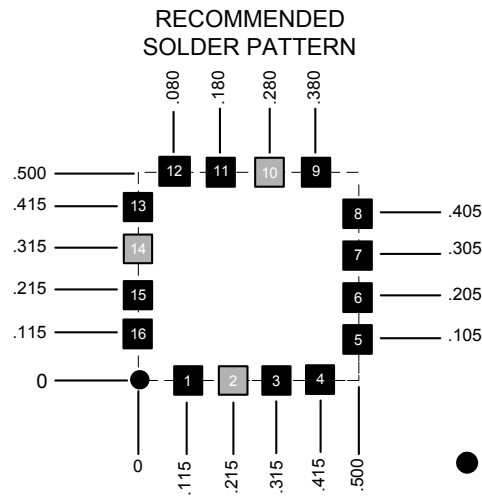
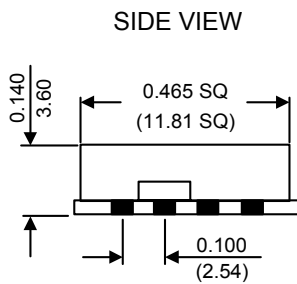
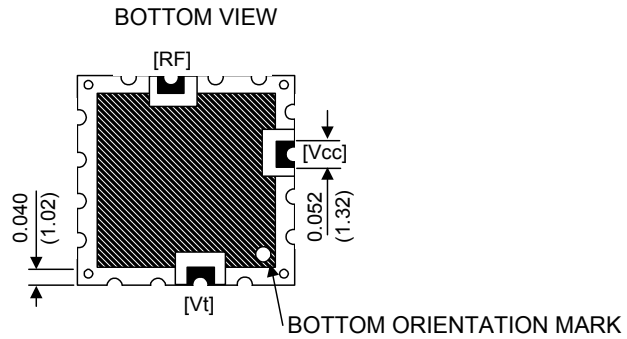
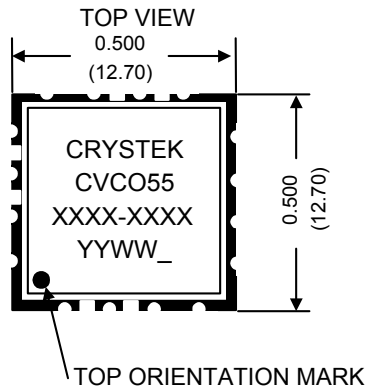
AVAILABLE PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			902	MHz
Upper Frequency:	928			
Tuning Voltage:	0.3		4.7	VDC
Supply Voltage:	11.5	12.0	12.5	VDC
Output Power:	+10.0	+12.0	+14.0	dBm
Supply Current:			25	mA
Harmonic Suppression (2nd Harmonic):		-20	-15	dBc
Pushing:		5	10	MHz/V
Pulling, all Phases:		3	6	MHz
Tuning Sensitivity:		13		MHz/V
Phase Noise: @ 10kHz offset:		-110		dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			30	pF
Operating Temperature Range:	-40		+85	$^{\circ}\text{C}$

Phase Noise (1 Hz BW, Typical)



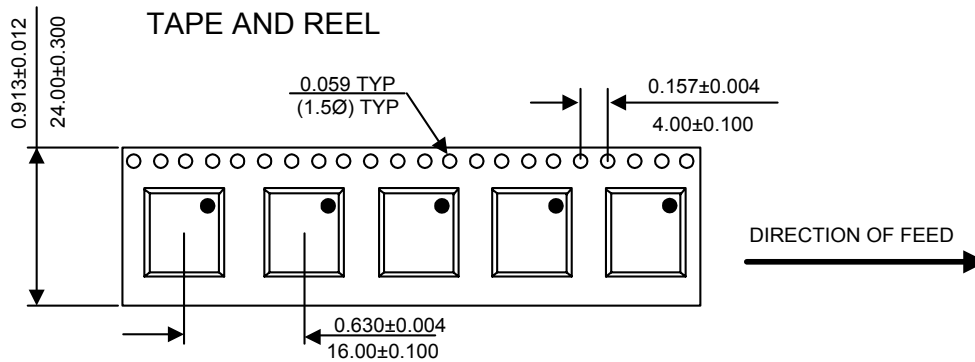
Tuning Curve, Typical





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:	CVCO55CT-0902-0928	Release Date:	17-Dec-03
Revision Level:	A	Responsible:	C. Vales