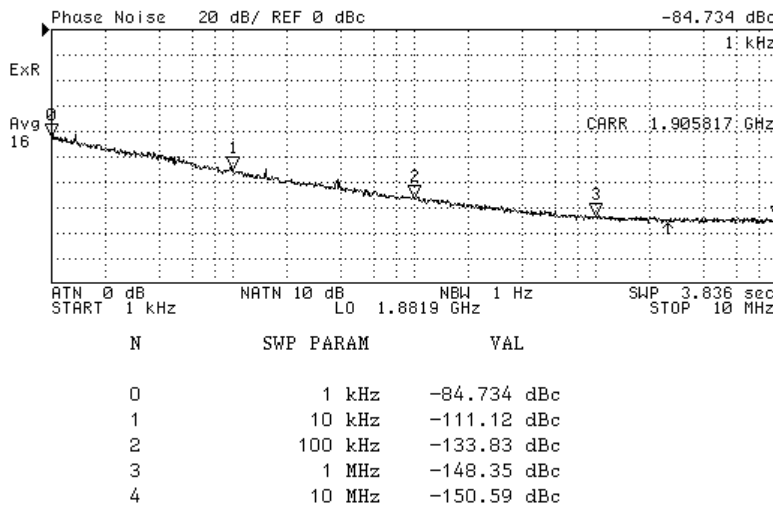
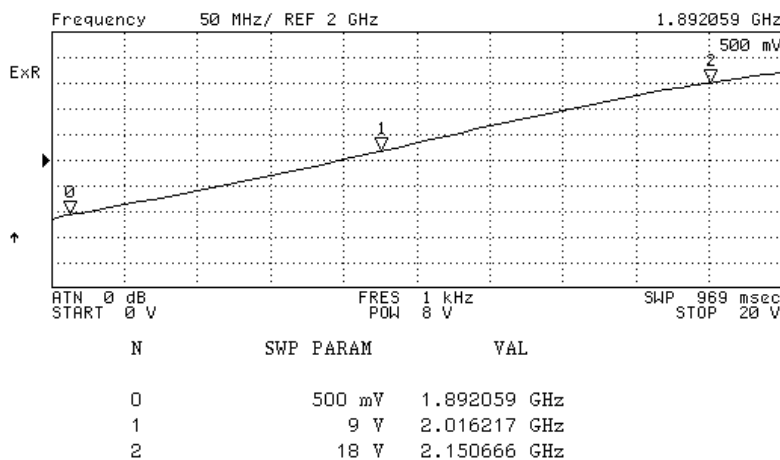


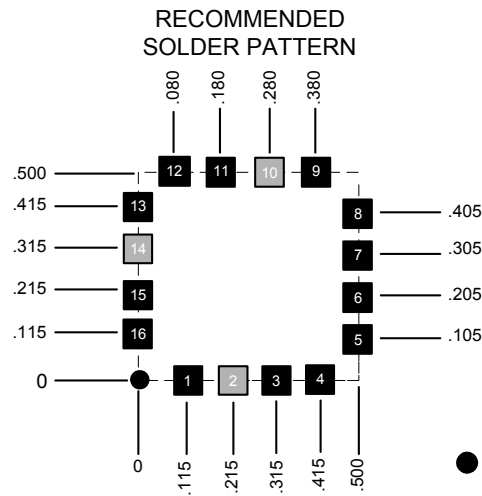
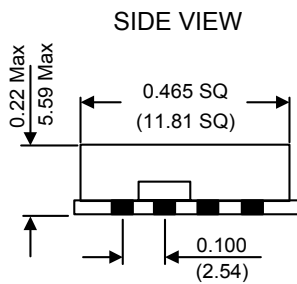
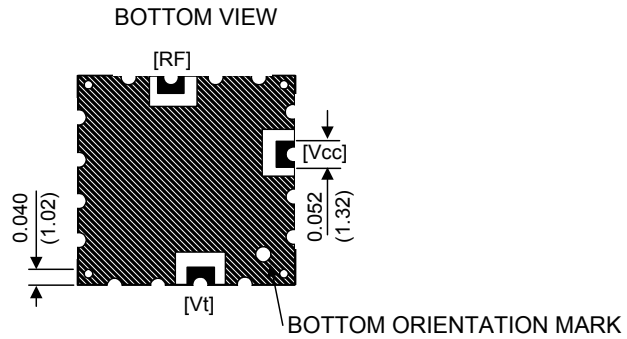
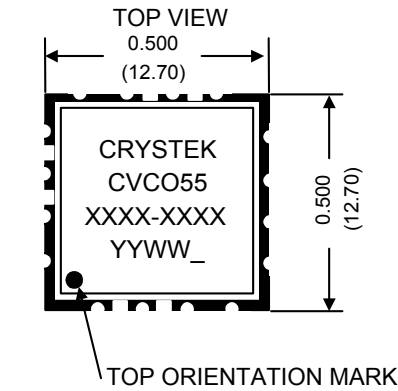
AVAILABLE PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			1930	MHz
Upper Frequency:	2110			MHz
Tuning Voltage:	0.5		18	VDC
Supply Voltage:	7.6	8	8.4	VDC
Output Power:	-3	0	3	dBm
Supply Current:			35	mA
Harmonic Suppression (2nd Harmonic):		-12	-7	dBc
Pushing:		0.5	2	MHz/V
Pulling, all Phases:		1	3	MHz
Tuning Sensitivity:		15		MHz/V
Phase Noise @ 10KHz offset:		-110		dBc/Hz
Phase Noise @ 100KHz offset:		-133		dBc/Hz
Load Impedance:		50		Ω
Operating Temperature Range:	-30		+70	$^{\circ}\text{C}$

Phase Noise (1 Hz BW, Typical)



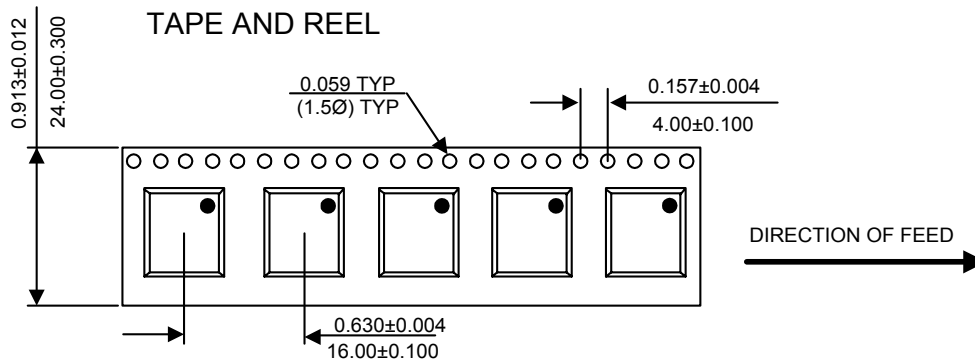
Tuning Curve, Typical





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:	CVCO55CC-1930-2110	Release Date:	26-Oct-06
Revision Level:	B	Responsible:	C. Vales