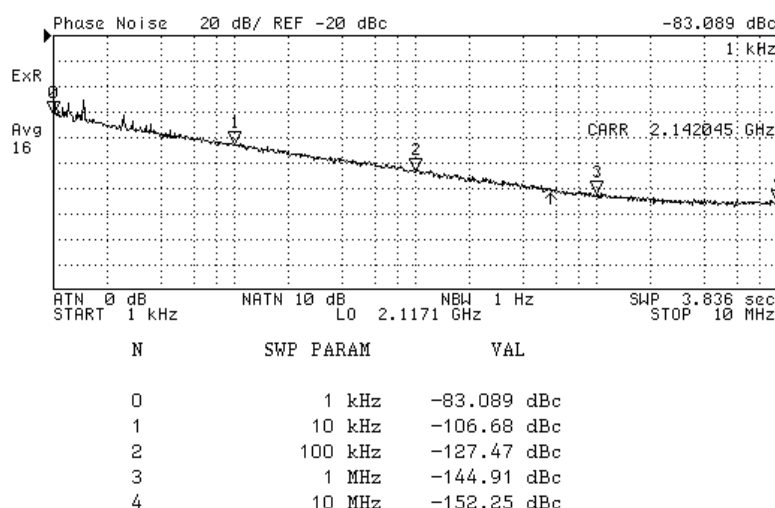
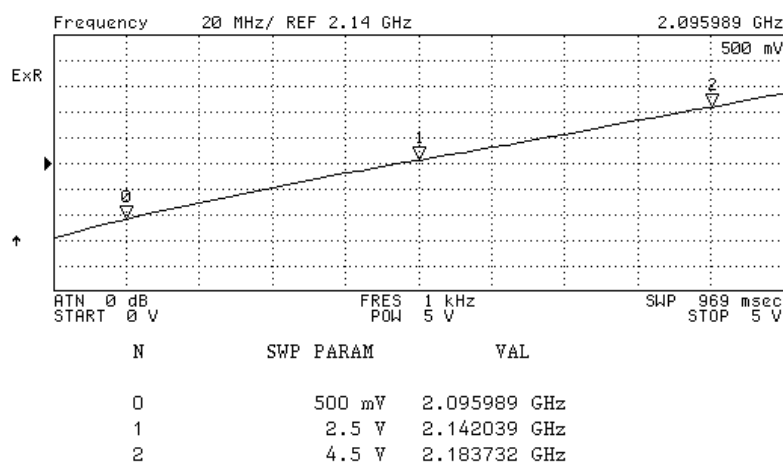


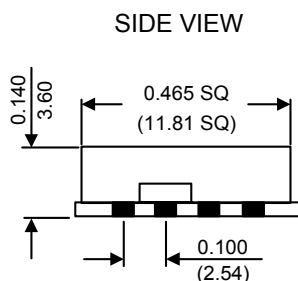
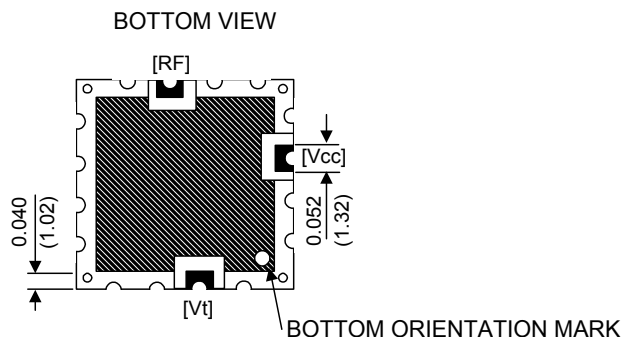
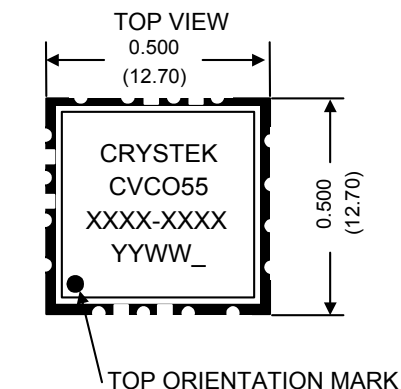
AVAILABLE PERFORMANCE SPECIFICATION		MIN	TYP	MAX	UNITS
Lower Frequency:				2110	MHz
Upper Frequency:		2170			MHz
Tuning Voltage:		0.5		4.5	VDC
Supply Voltage:		4.75	5	5.25	VDC
Output Power:		0	+3	+6	dBm
Supply Current:			11	15	mA
Harmonic Suppression	2nd Harmonic:		-15	-10	dBc
	3rd Harmonic:		-20	-10	dBc
Pushing:			1	2	MHz/V
Pulling, all Phases (14dB _r):			11	13	MHz
Tuning Sensitivity:			70		MHz/V
Phase Noise	@ 10kHz offset:		-105	-103	dBc/Hz
	@ 100kHz offset:		-122	-118	dBc/Hz
Load Impedance:			50		Ω
Input Capacitance:				22	pF
Operating Temperature Range:		-40		+85	°C

Phase Noise (1 Hz BW, Typical)

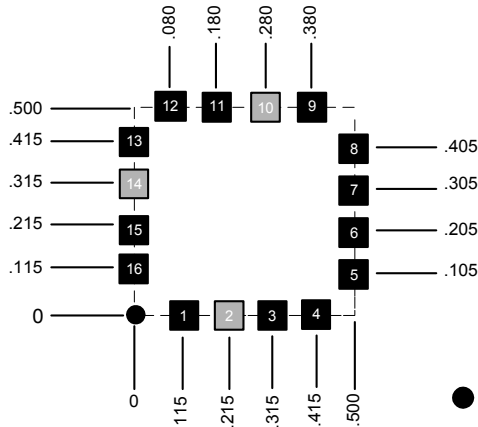


Tuning Curve, Typical



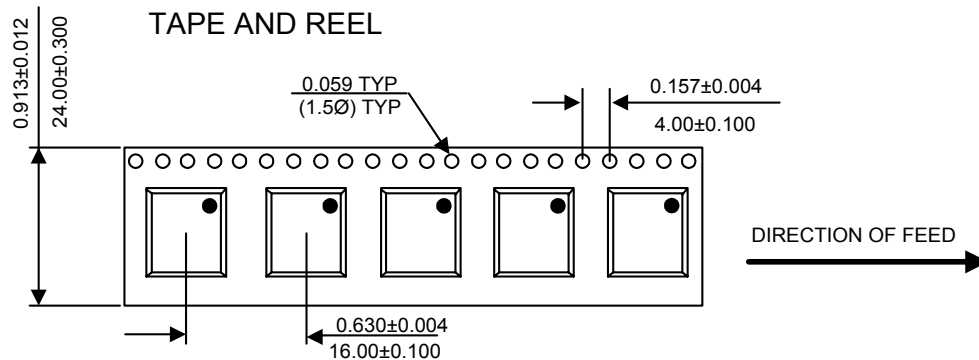


RECOMMENDED SOLDER PATTERN



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:	CVCO55BE-2110-2170	Release Date:	24-Aug-04
Revision Level:	A	Responsible:	C. Vales