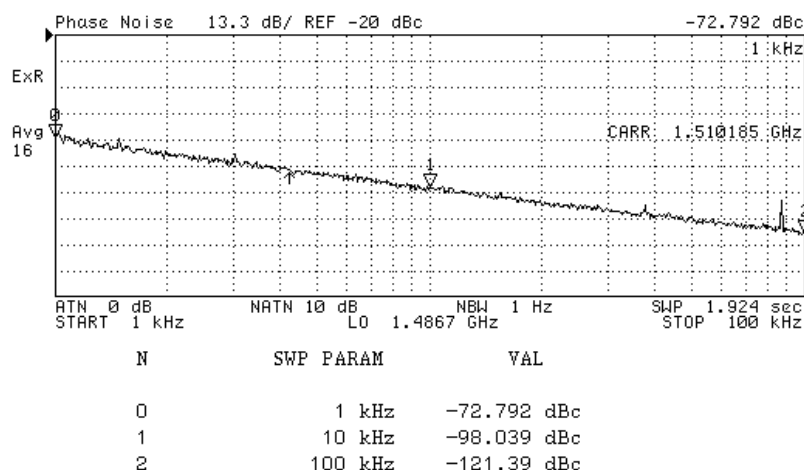
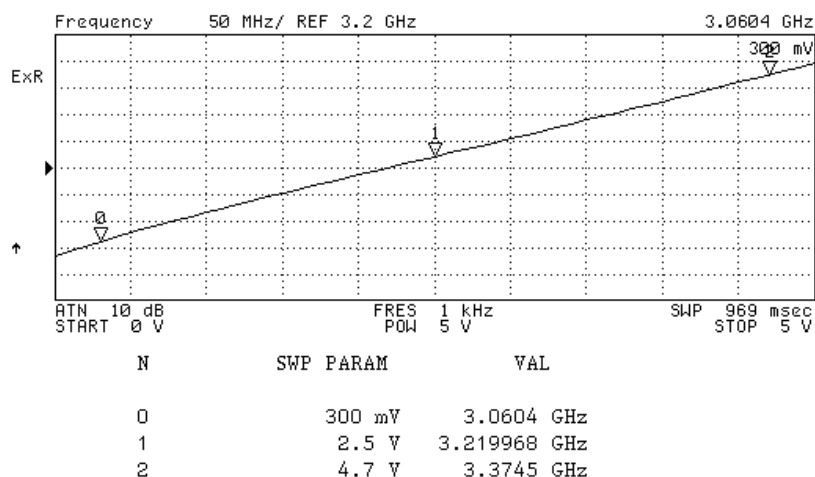


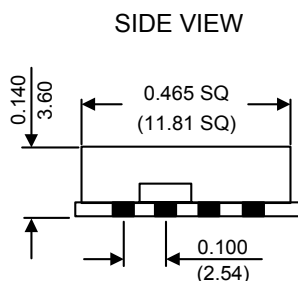
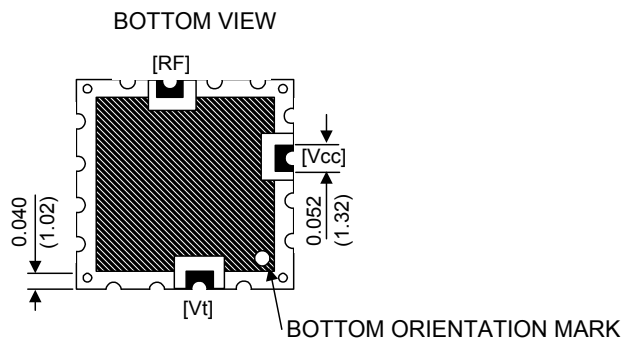
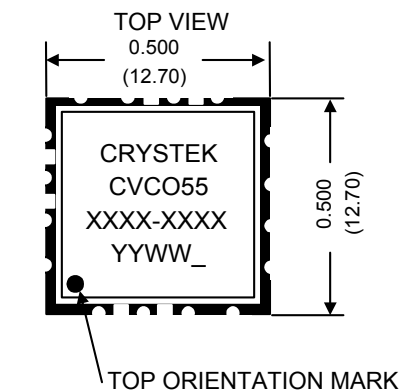
AVAILABLE PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			3100	MHz
Upper Frequency:	3350			MHz
Tuning Voltage:	0.3		4.7	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	0	+4	+8	dBm
Supply Current:		25	40	mA
Harmonic Suppression (2nd Harmonic):		-15	-10	dBc
Pushing:		3	5	MHz/V
Pulling, all Phases:		6	8	MHz
Tuning Sensitivity:		30		MHz/V
Phase Noise: @ 10kHz offset:		-98		dBc/Hz
@ 100kHz offset:		-120		dBc/Hz
Load Impedance:		50		Ω
Load Capacitance:			50	pF
Operating Temperature Range:	-40		+85	$^{\circ}\text{C}$

Phase Noise (1 Hz BW, Typical)

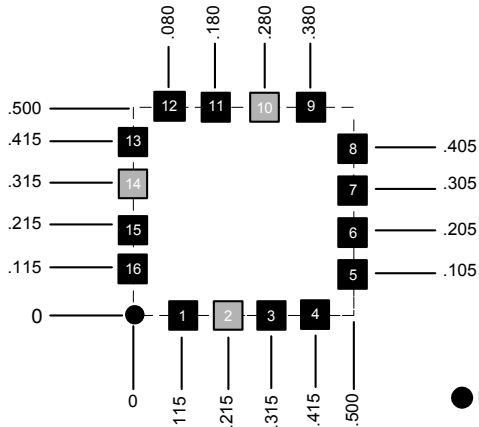


Tuning Curve, Typical



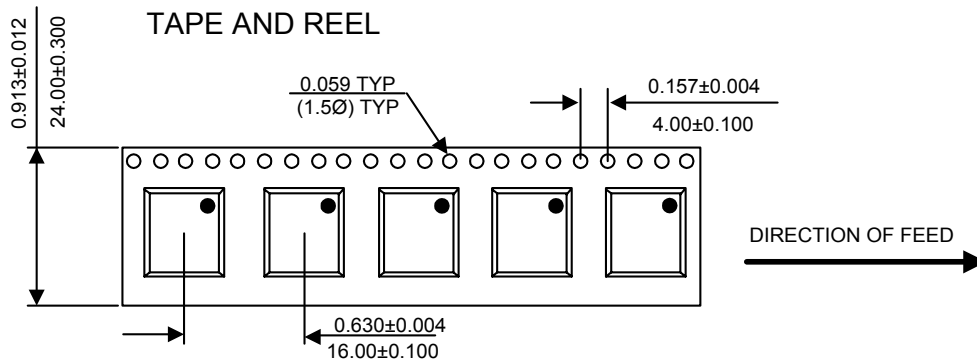


RECOMMENDED SOLDER PATTERN



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:	CVCO55BE-3100-3350	Release Date:	19-Jan-06
Revision Level:	B	Responsible:	C. Vales