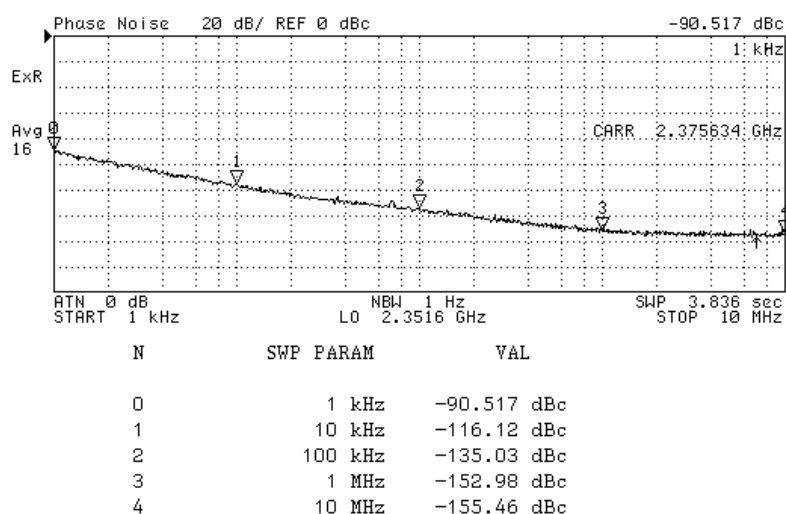
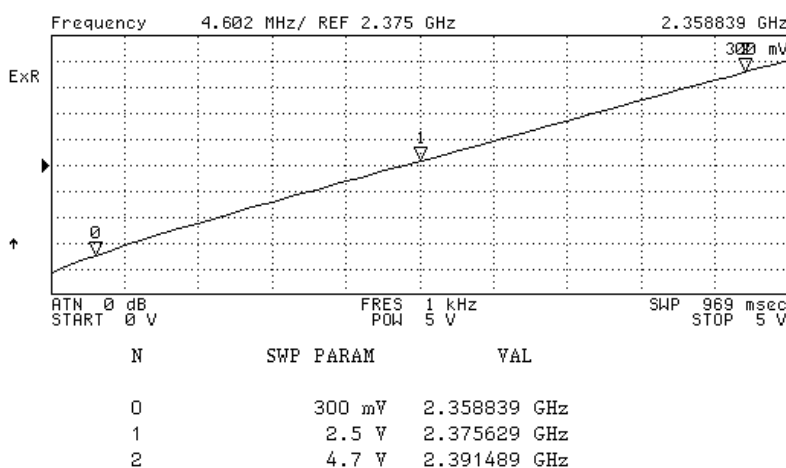


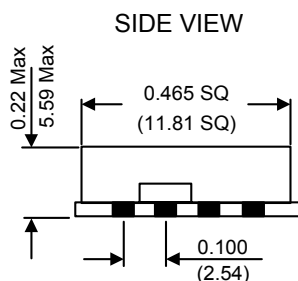
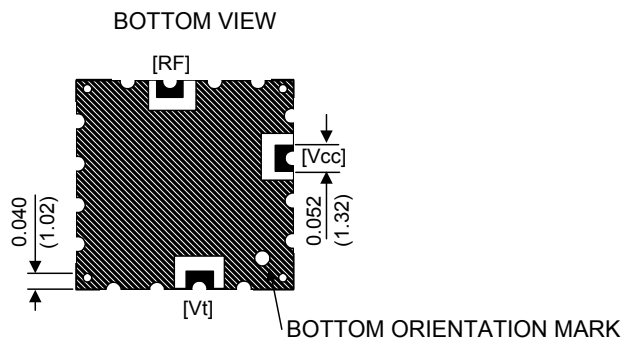
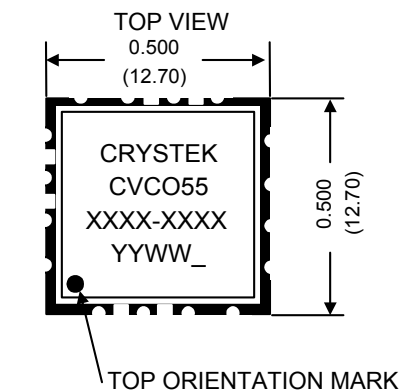
AVAILABLE PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			2370	MHz
Upper Frequency:	2385			MHz
Tuning Voltage:	0.3		4.7	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	+2	+4.5	+7	dBm
Supply Current:			40	mA
Harmonic Suppression (2nd Harmonic):		-25		dBc
Pushing:		0.2	0.5	MHz/V
Pulling, all Phases:		0.2	0.5	MHz
Tuning Sensitivity:		8		MHz/V
Phase Noise @ 10KHz offset:		-116	-114	dBc/Hz
Phase Noise @ 100KHz offset:		-135	-133	dBc/Hz
Load Impedance:		50		Ω
Load Capacitance:			15	pF
Operating Temperature Range:	-30		+70	$^{\circ}\text{C}$

Phase Noise (1 Hz BW, Typical)

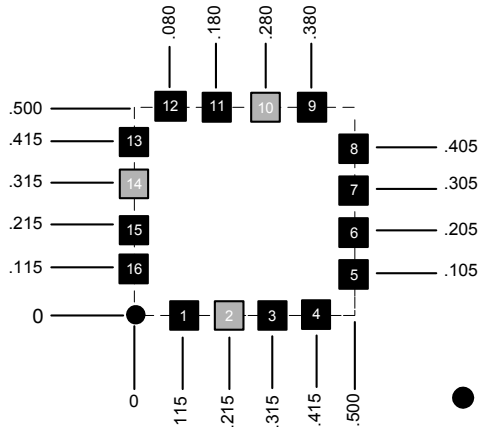


Tuning Curve, Typical



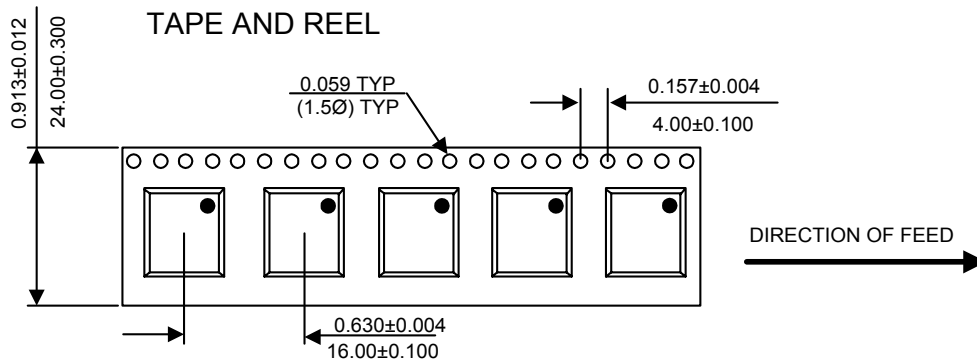


RECOMMENDED SOLDER PATTERN



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:	CVCO55CC-2370-2385	Release Date:	29-May-07
Revision Level:	A	Responsible:	C. Vales