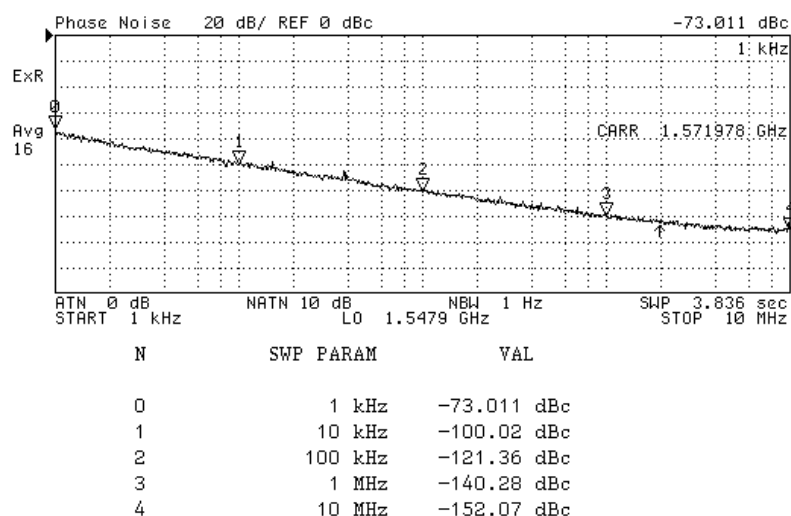
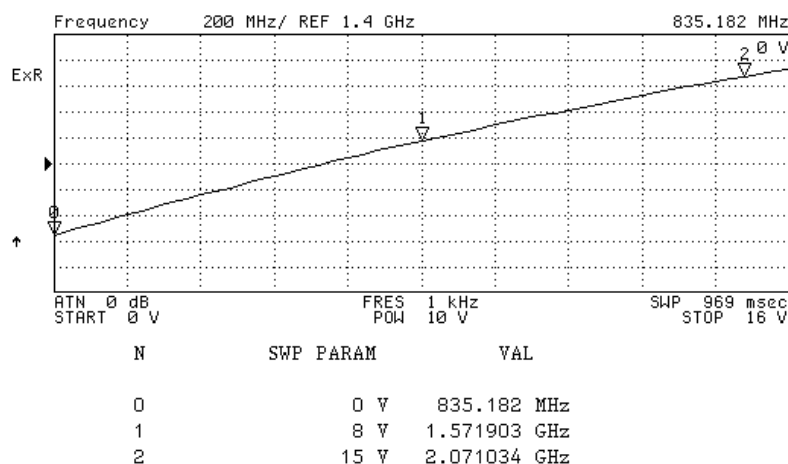


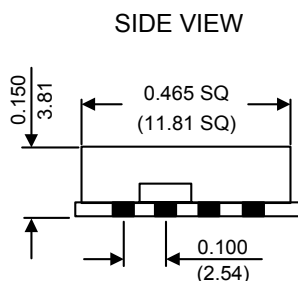
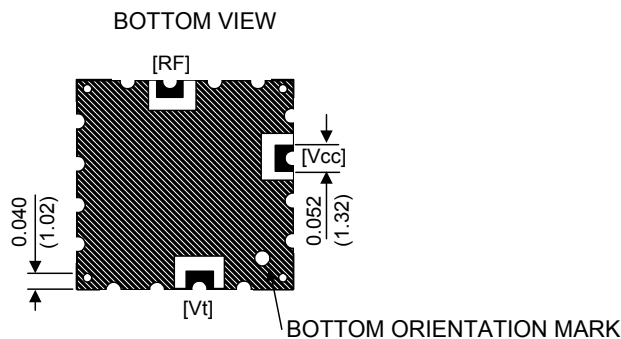
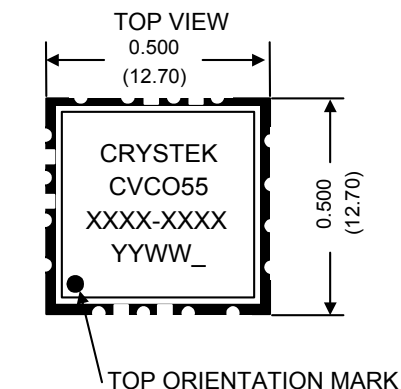
AVAILABLE PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			950	MHz
Upper Frequency:	2050			MHz
Tuning Voltage:	0		15	VDC
Supply Voltage:	9.5	10.0	10.5	VDC
Output Power:	-1	+2	+5	dBm
Supply Current:		17	20	mA
Harmonic Suppression (2nd Harmonic):		-30		dBc
Pushing:			2	MHz/V
Pulling, all Phases:			5	MHz
Tuning Sensitivity:		80		MHz/V
Phase Noise: @ 10kHz offset:		-99		dBc/Hz
Load Impedance:		50		Ω
Load Capacitance:			500	pF
Operating Temperature Range:	-40		+85	$^{\circ}\text{C}$

Phase Noise (1 Hz BW, Typical)

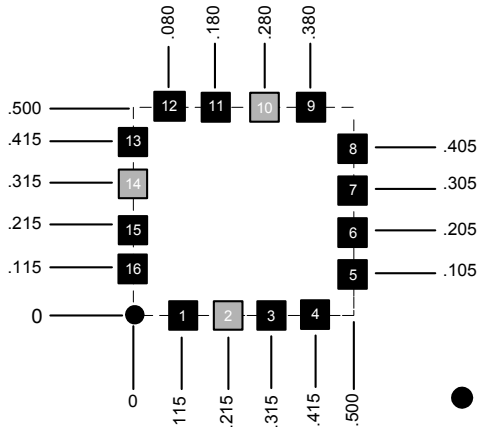


Tuning Curve, Typical



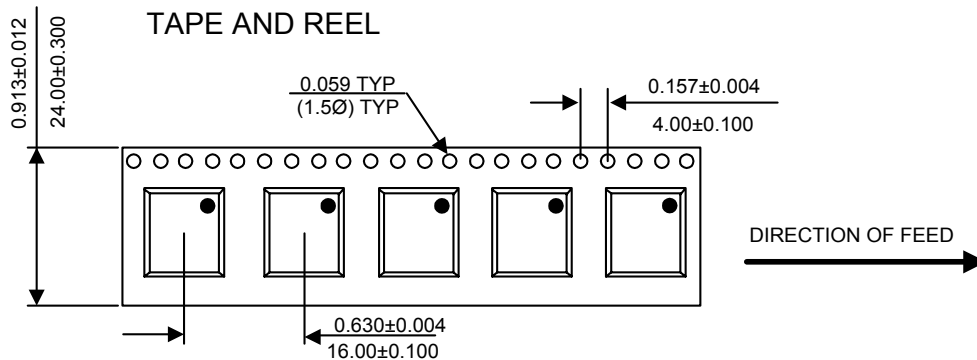


RECOMMENDED SOLDER PATTERN



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:	CVCO55BES-0950-2050	Release Date:	19-Oct-06
Revision Level:	A	Responsible:	C. Vales

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Crystek:](#)

[CVCO55BE-0950-2050](#)