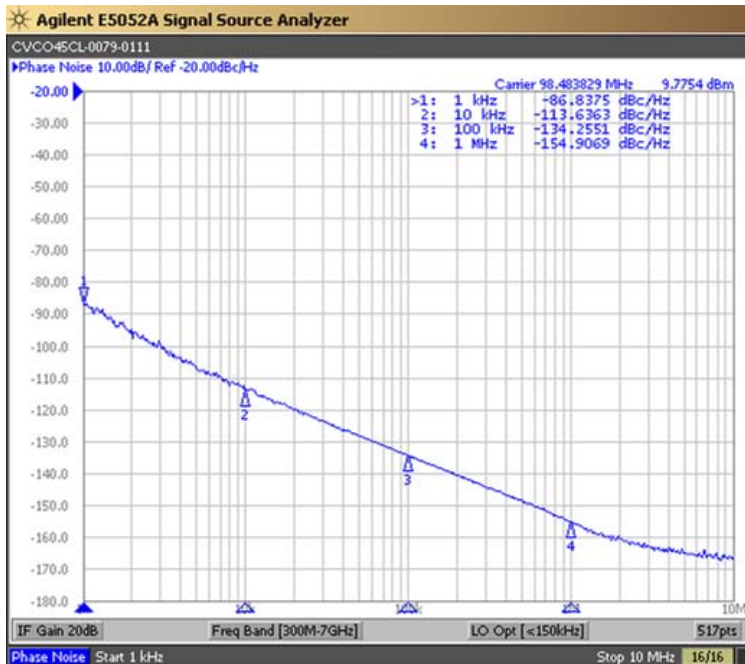


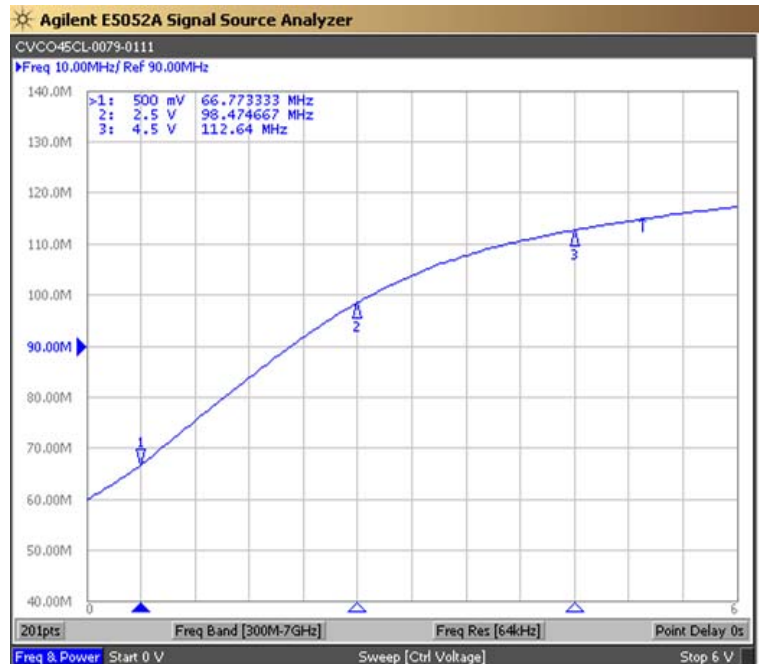


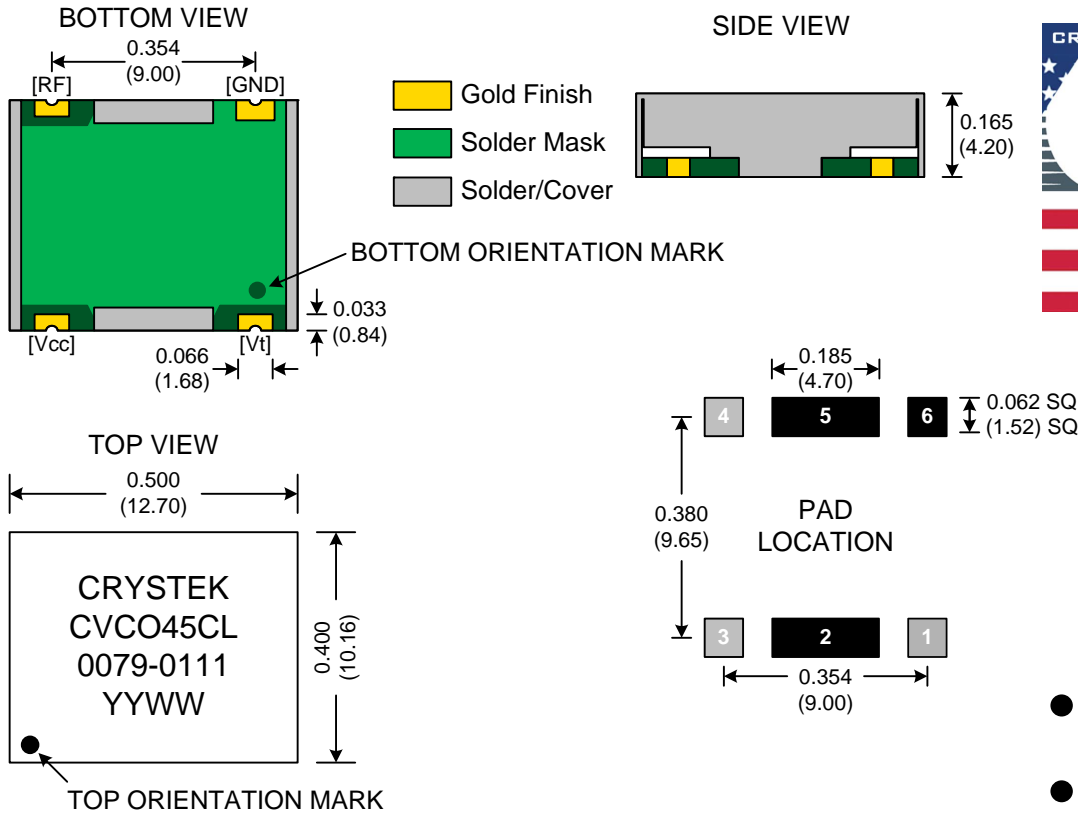
PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			79	MHz
Upper Frequency:	111			MHz
Tuning Voltage:	0.5		4.5	VDC
Supply Voltage:	4.47	4.7	4.93	VDC
Output Power:	0	+5.0	+10.0	dBm
Supply Current:		20		mA
Harmonic Suppression (2 <sup>nd</sup> Harmonic):		-10	-5	dBc
Pushing:		1.0	2.0	MHz/V
Pulling, all Phases:		1.0	2.0	MHz pk-pk
Tuning Sensitivity:		11		MHz/V
Phase Noise @ 10kHz offset:		-112		dBc/Hz
Phase Noise @ 100kHz offset:		-134		dBc/Hz
Load Impedance:		50		$\Omega$
Input Capacitance:			100	pF
Operating Temperature Range:	-10		+70	$^{\circ}\text{C}$
Storage Temperature Range:	-45		+90	$^{\circ}\text{C}$

Phase Noise (1 Hz BW, Typical)



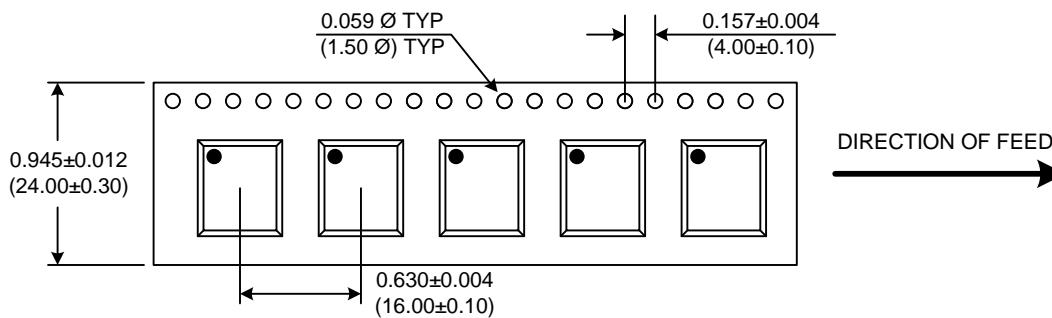
Tuning Curve (Typical)





- Unless otherwise specified, Dimensions are in:  $\frac{IN}{(mm)}$
- Pad Location Dimensions are in: Inches

**TAPE AND REEL**



Drawing not to scale

**Product Control:**

Crystek Part Number:	CVCO45CL-0079-0111	Release Date:	23-Jul-12
Revision Level:	K	Responsible:	C. Vales

Specification is subject to change without notice