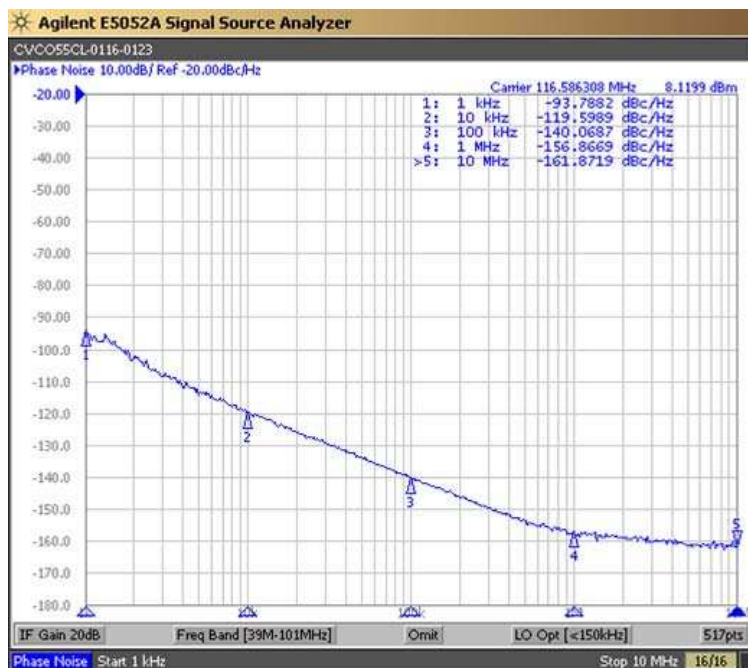


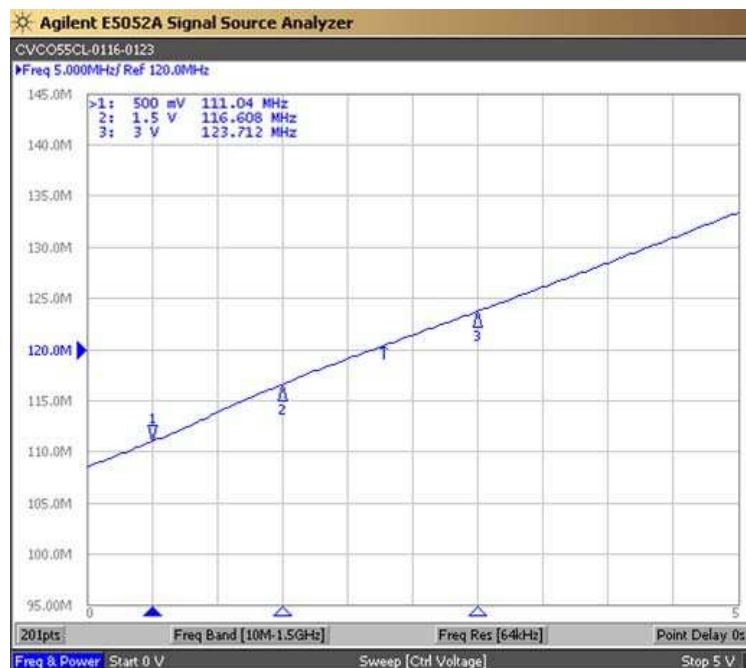


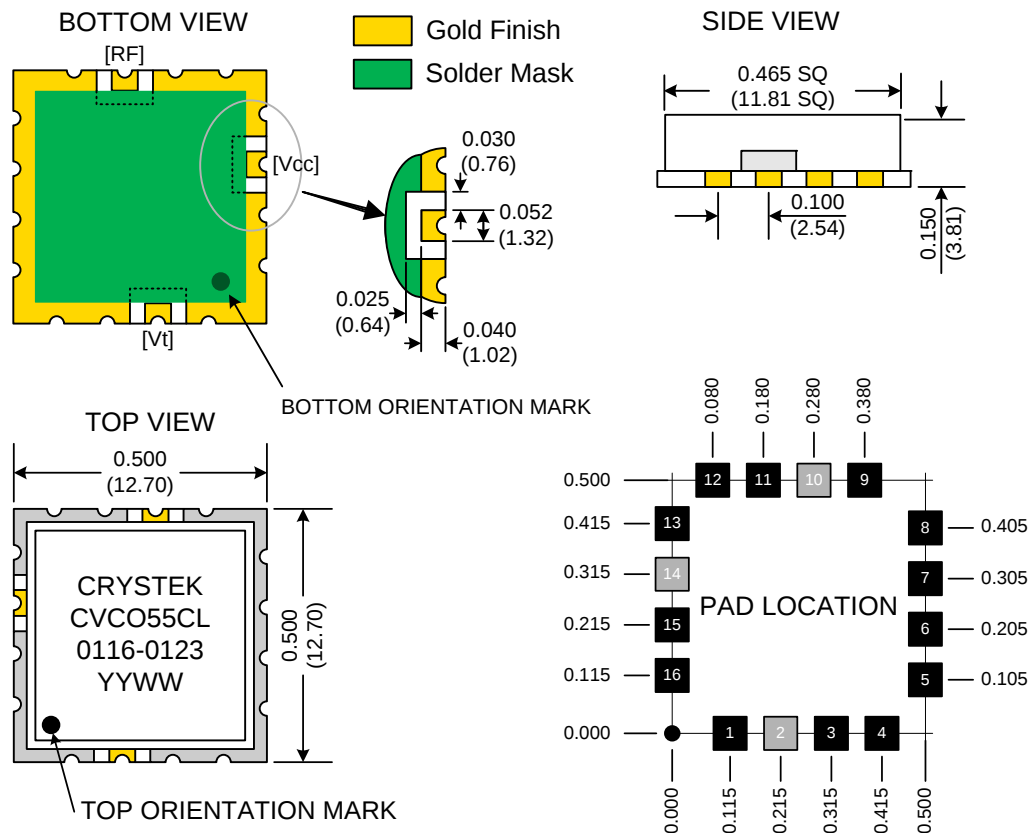
PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			116	MHz
Upper Frequency:	123			MHz
Tuning Voltage:	0.5		3.0	VDC
Supply Voltage:	7.6	8.0	8.4	VDC
Output Power:	+5.0	+7.5	+10.0	dBm
Supply Current:		13	25	mA
Harmonic Suppression (2 nd Harmonic):		-20		dBc
Pushing:		0.5	1.0	MHz/V
Pulling, all Phases:			1.0	MHz pk-pk
Tuning Sensitivity:		6		MHz/V
Phase Noise @ 10kHz offset:		-120		dBc/Hz
Phase Noise @ 100kHz offset:		-140		dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			150	pF
Operating Temperature Range:	-40		+85	$^{\circ}\text{C}$
Storage Temperature Range:	-45		+90	$^{\circ}\text{C}$

Phase Noise (1 Hz BW, Typical)

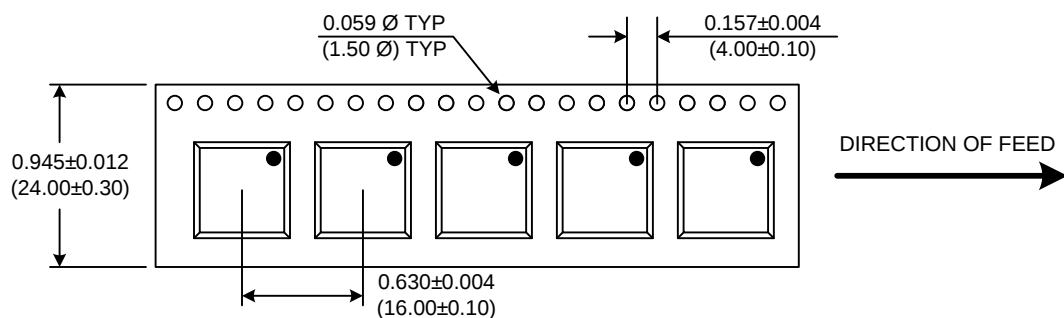


Tuning Curve (Typical)





TAPE AND REEL



Product Control:

Crystek Part Number:	CVCO55CL-0116-0123	Release Date:	02-Sep-10
Revision Level:	A	Responsible:	C. Vales

Specification is subject to change without notice

