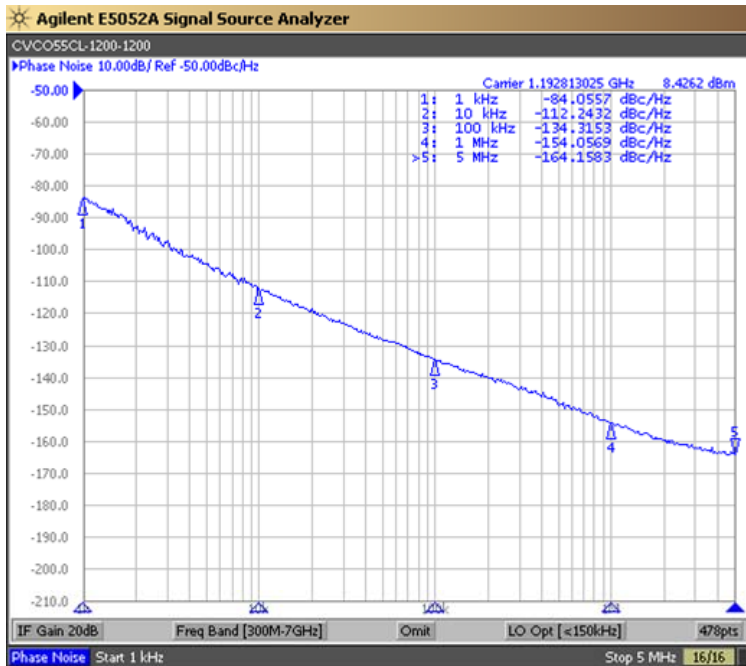


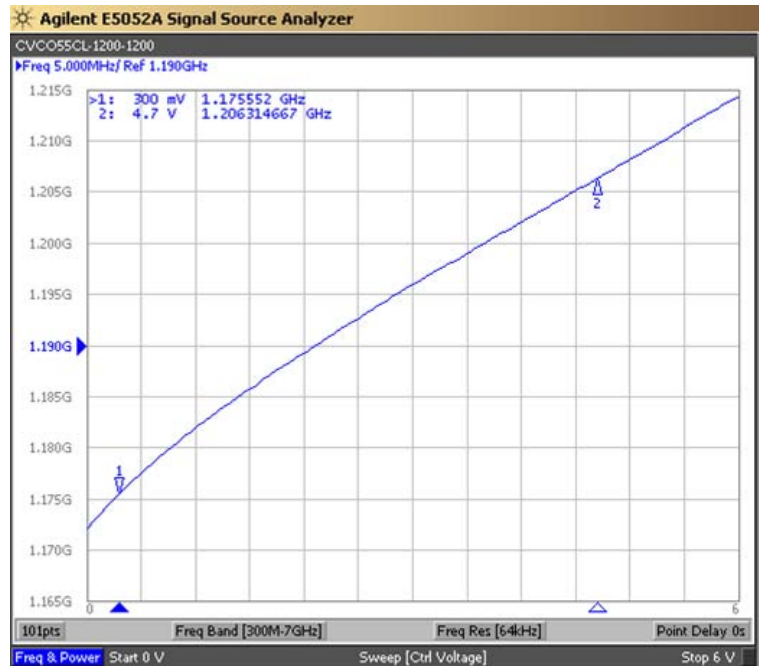


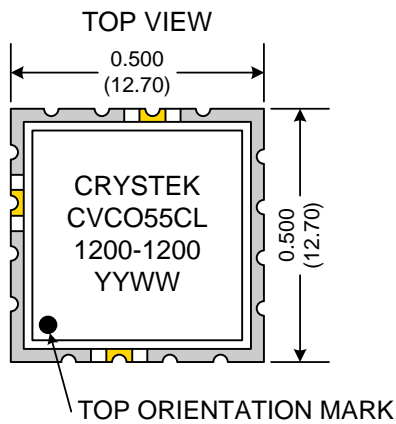
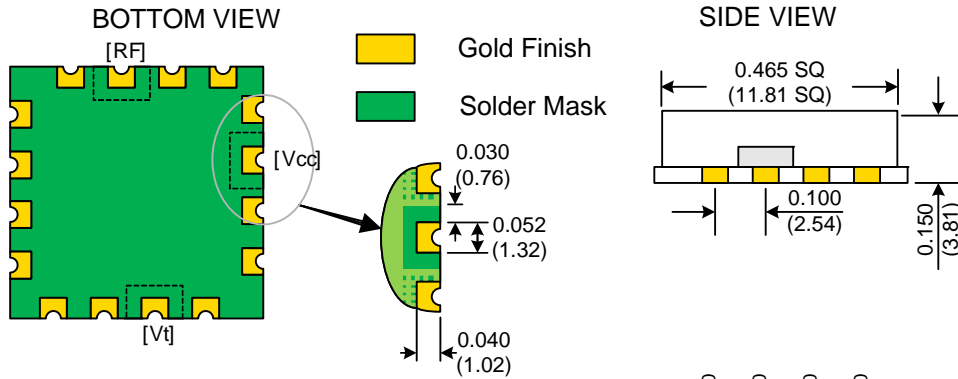
PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			1200	MHz
Upper Frequency:	1200			MHz
Tuning Voltage:	0.3		4.7	VDC
Supply Voltage:	7.6	8.0	8.4	VDC
Output Power:	+4.0	+7.5	+11.0	dBm
Supply Current:		25	50	mA
Harmonic Suppression (2 nd Harmonic):			-15	dBc
Pushing:			5.0	MHz/V
Pulling, all Phases:			25.0	MHz pk-pk
Tuning Sensitivity:		5		MHz/V
Phase Noise @ 10kHz offset:			-110	dBc/Hz
Phase Noise @ 100kHz offset:			-130	dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			27	pF
Operating Temperature Range:	-40		+85	$^{\circ}$ C
Storage Temperature Range:	-45		+90	$^{\circ}$ C

Phase Noise (1 Hz BW, Typical)



Tuning Curve (Typical)





Pad	Connection
2	Vt
10	RF-OUTPUT
14	Vcc
Others	GROUND

- 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:	CVCO55CL-1200-1200	Release Date:	12-Dec-2013
Revision Level:	B	Responsible:	C. Vales

Specification is subject to change without notice