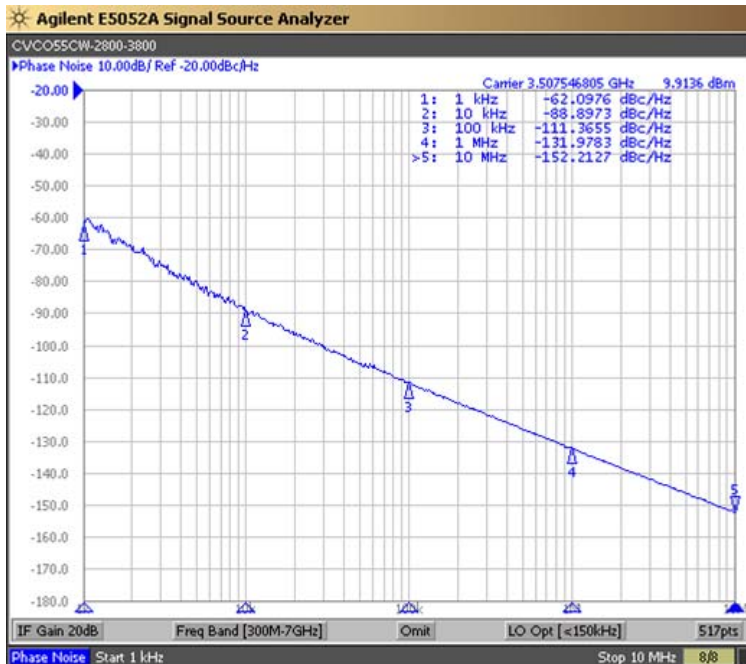


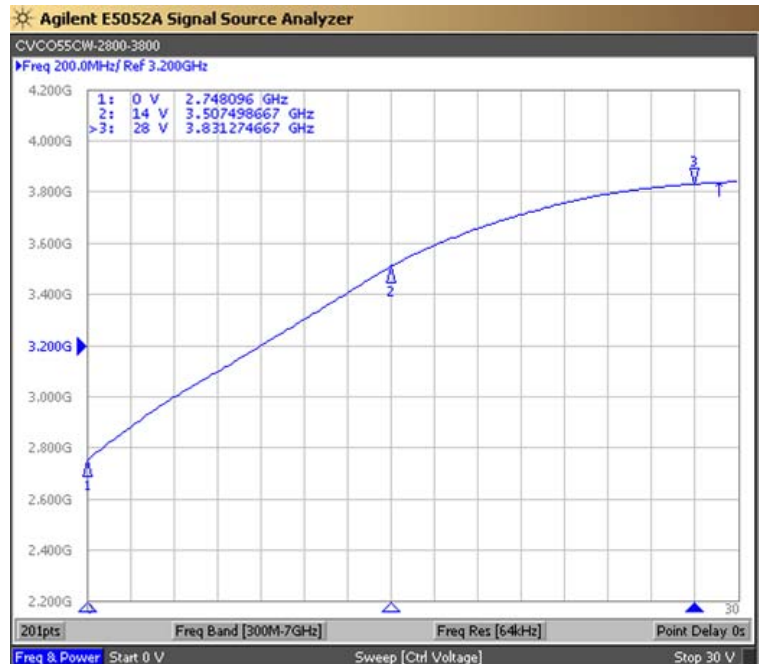


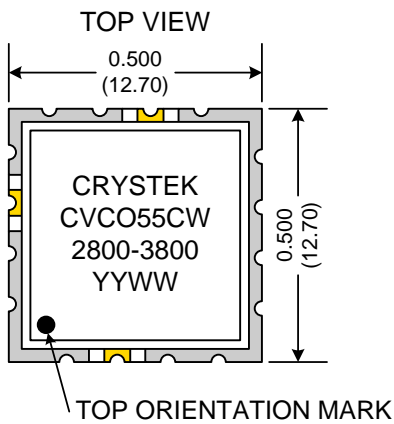
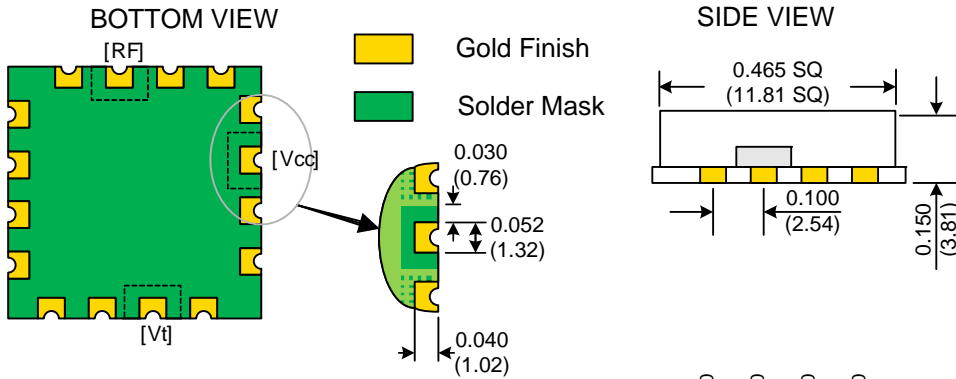
PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			2800	MHz
Upper Frequency:	3800			MHz
Tuning Voltage:	0		28	VDC
Supply Voltage:	11.4	12	12.6	VDC
Output Power:	+6.0	+7.5	+11.0	dBm
Supply Current:		26	35	mA
Harmonic Suppression (2 nd Harmonic):			-12	dBc
Pushing:			3.0	MHz/V
Pulling, all Phases:			40	MHz pk-pk
Tuning Sensitivity:		90		MHz/V
Phase Noise @ 10kHz offset:		-87		dBc/Hz
Phase Noise @ 100kHz offset:		-106		dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			15	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)





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:	CVCO55CW-2800-3800	Release Date:	13-Dec-2013
Revision Level:	B	Responsible:	C. Vales

Specification is subject to change without notice