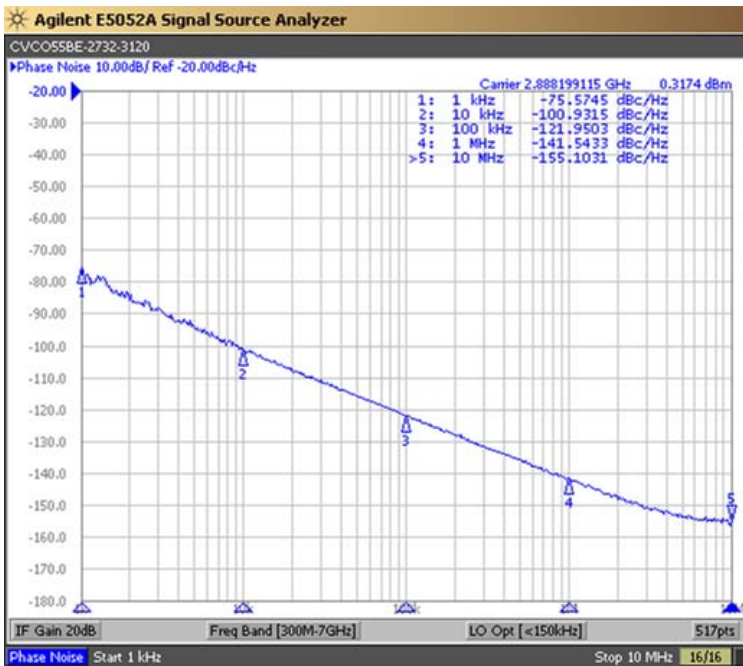


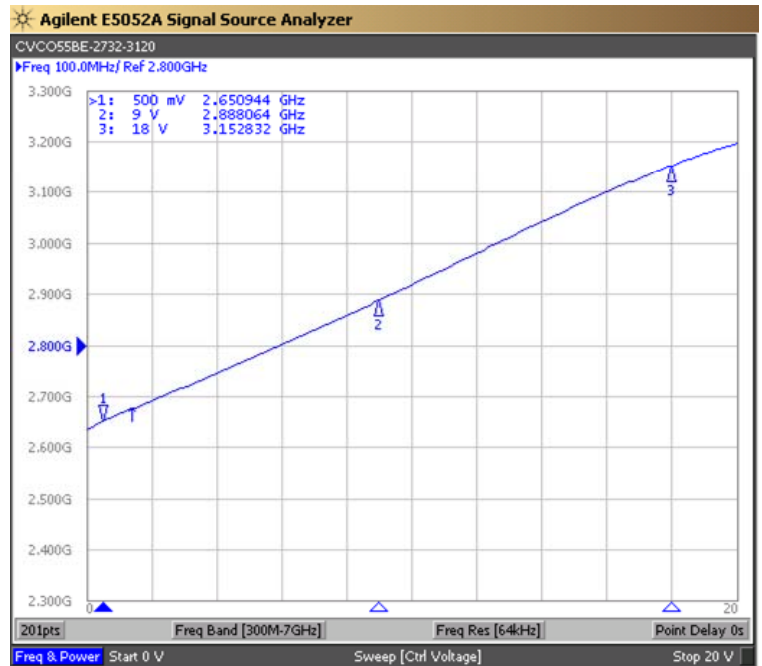


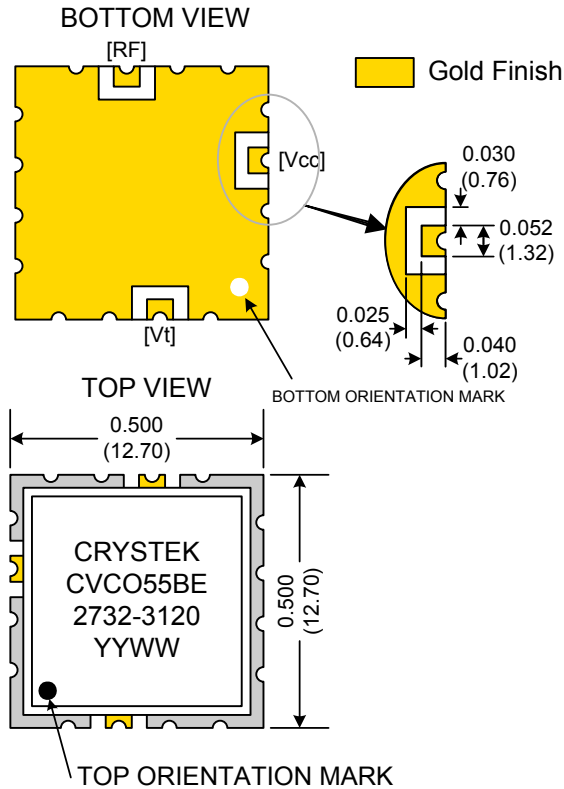
PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			2732	MHz
Upper Frequency:	3120			MHz
Tuning Voltage:	0.5		18	VDC
Supply Voltage:	7.6	8.0	8.4	VDC
Output Power:	-3.0	0	+3.0	dBm
Supply Current:		25	35	mA
Harmonic Suppression (2 nd Harmonic):		-15	-10	dBc
Pushing:		1.0	2.0	MHz/V
Pulling, all Phases:		3.0	6.0	MHz pk-pk
Tuning Sensitivity:		30		MHz/V
Phase Noise @ 10kHz offset:		-101	-98	dBc/Hz
Phase Noise @ 100kHz offset:		-120	-117	dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			22	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:	CVCO55BE-2732-3120	Release Date:	12-March-08
Revision Level:	D	Responsible:	C. Vales

Specification is subject to change without notice