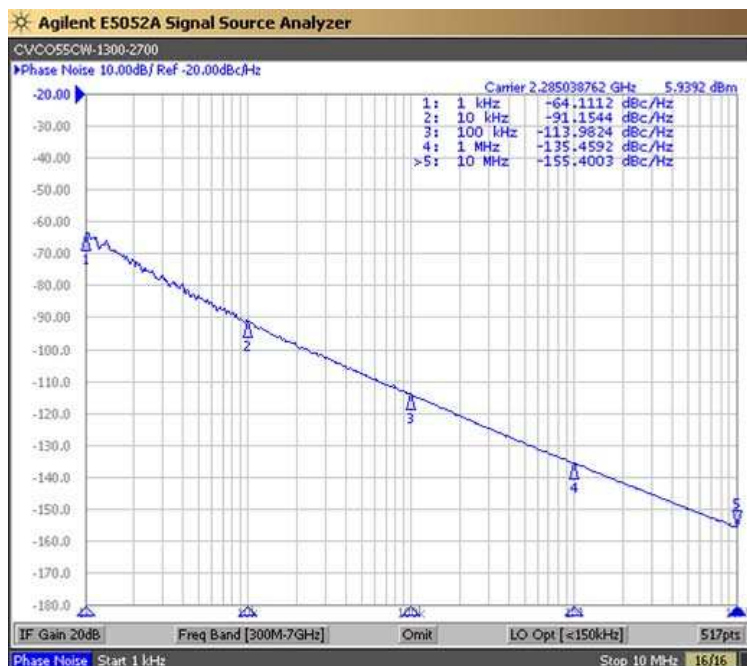


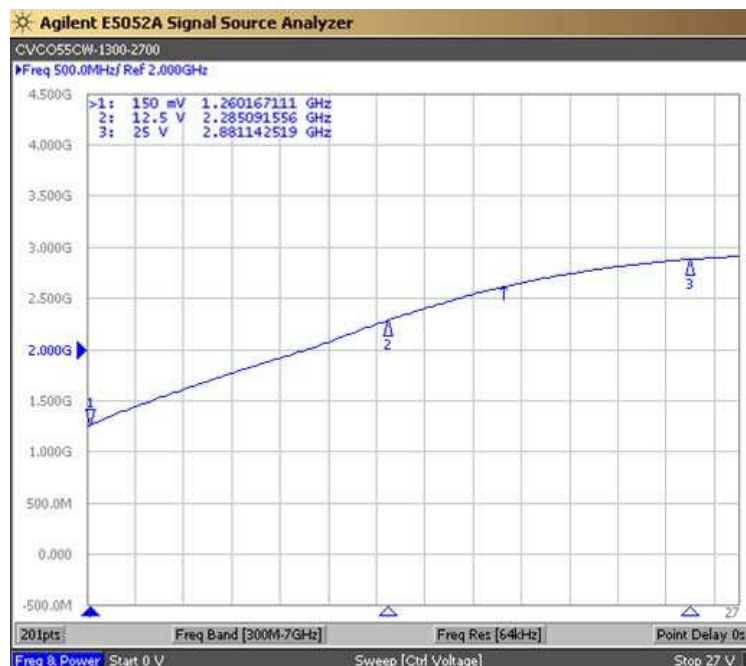


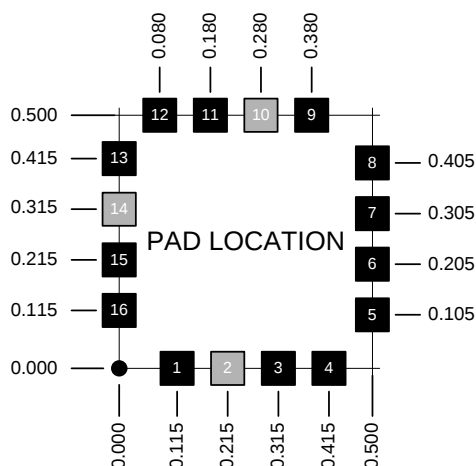
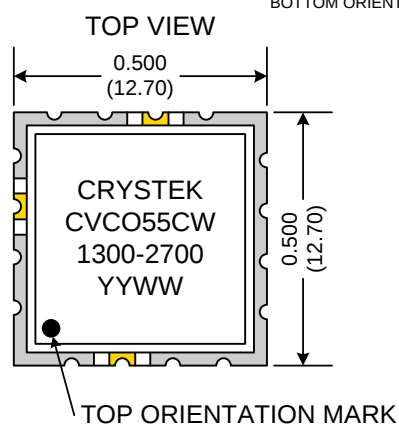
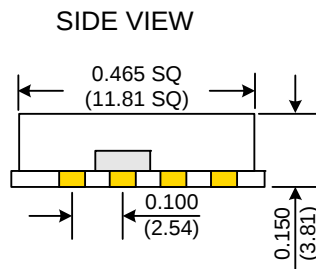
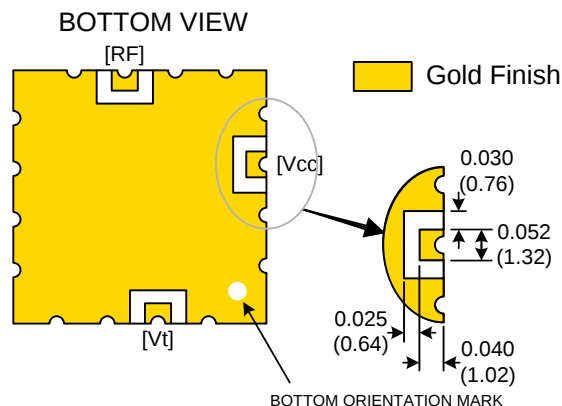
PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			1300	MHz
Upper Frequency:	2700			MHz
Tuning Voltage:	0.15		25.0	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	+4.0	+7.0	+10.0	dBm
Supply Current:		25	35	mA
Harmonic Suppression (2 nd Harmonic):		-10		dBc
Pushing:		2.0		MHz/V
Pulling, all Phases:		8.0		MHz pk-pk
Tuning Sensitivity:		70		MHz/V
Phase Noise @ 10kHz offset:		-84		dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			47	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)

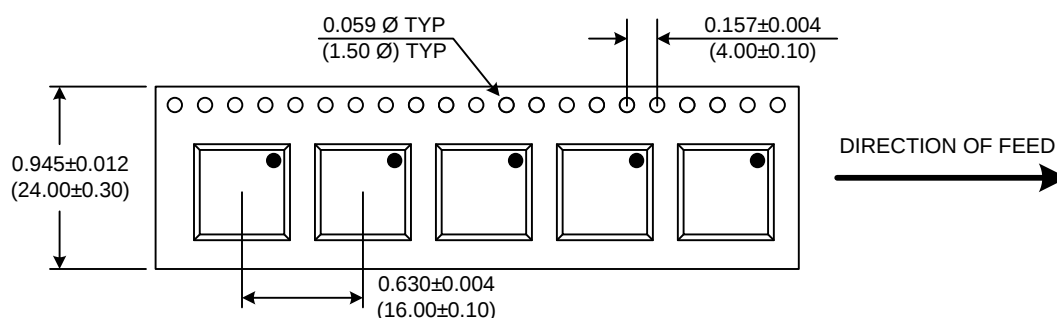




Pad	Connection
2	Vt
10	RF-OUTPUT
14	Vcc
Others	GROUND

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

TAPE AND REEL



Drawing not to scale

Product Control:

Crystek Part Number:	CVCO55CW-1300-2700	Release Date:	19-Jul-10
Revision Level:	A	Responsible:	C. Vales

Specification is subject to change without notice

