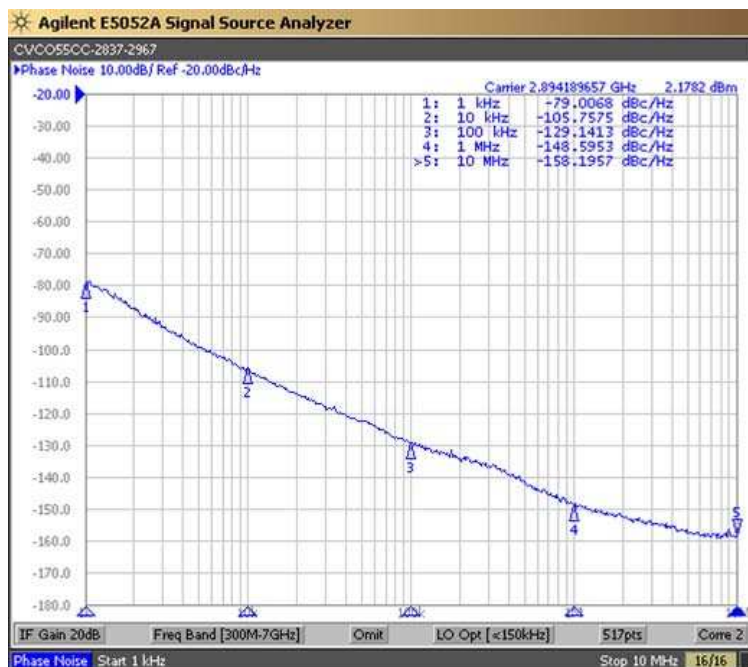


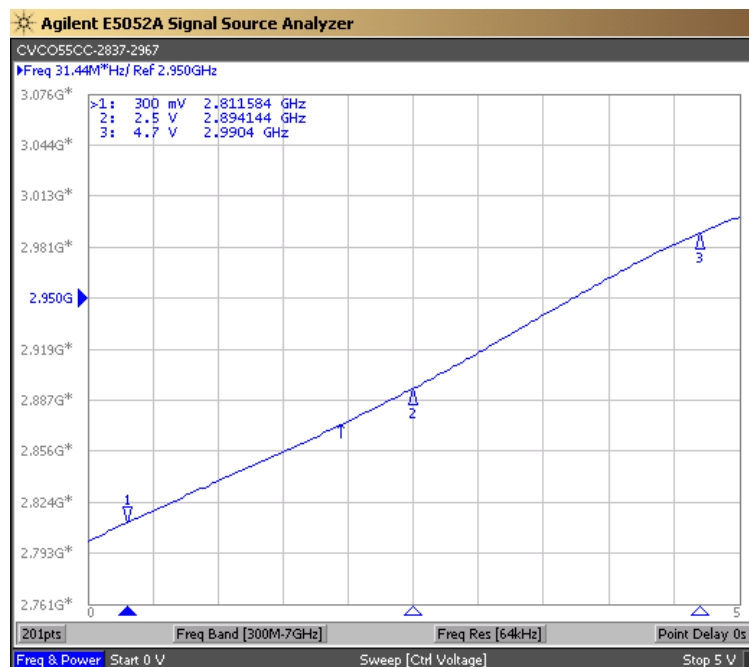


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			2837	MHz
Upper Frequency:	2967			MHz
Tuning Voltage:	0.3		4.7	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	0	+2.0	+4.0	dBm
Supply Current:		25	35	mA
Harmonic Suppression (2 nd Harmonic):		-25	-15	dBc
Pushing:		1.0	2.0	MHz/V
Pulling, all Phases:		0.5	1.5	MHz pk-pk
Tuning Sensitivity:		40		MHz/V
Phase Noise @ 10kHz offset:		-105	-102	dBc/Hz
Phase Noise @ 100kHz offset:		-129	-126	dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			15	pF
Operating Temperature Range:	-40		+85	$^{\circ}\text{C}$
Storage Temperature Range:	-45		+90	$^{\circ}\text{C}$

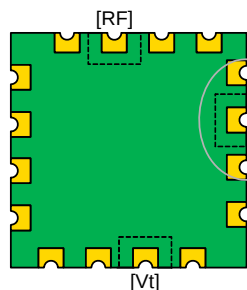
Phase Noise (1 Hz BW, Typical)



Tuning Curve (Typical)



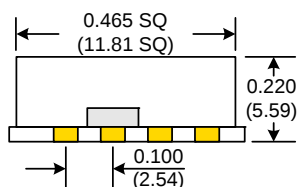
BOTTOM VIEW



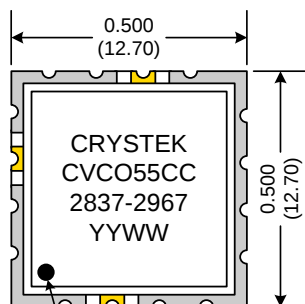
Gold Finish
Solder Mask

0.030
(0.76)
0.052
(1.32)
0.040
(1.02)

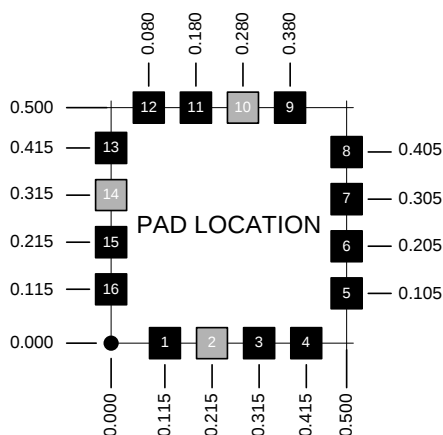
SIDE VIEW



TOP VIEW



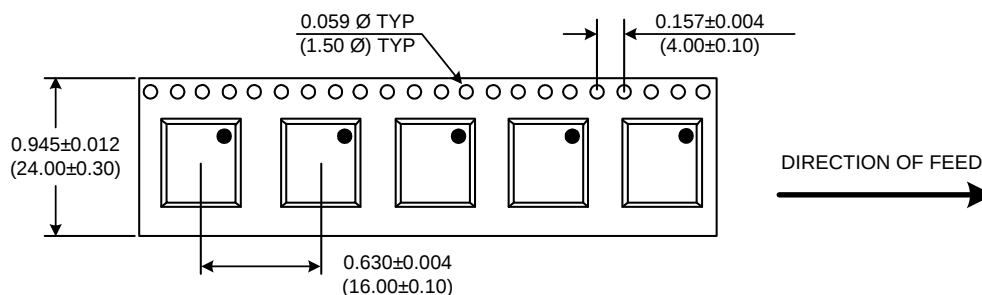
TOP ORIENTATION MARK



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

- Unless otherwise specified, Dimensions are in: IN
(mm)
- Pad Location Dimensions are in: Inches

TAPE AND REEL



Drawing not to scale

Product Control:

Crystek Part Number:	CVCO55CC-2837-2967	Release Date:	25-Jul-12
Revision Level:	C	Responsible:	C. Vales

Specification is subject to change without notice

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