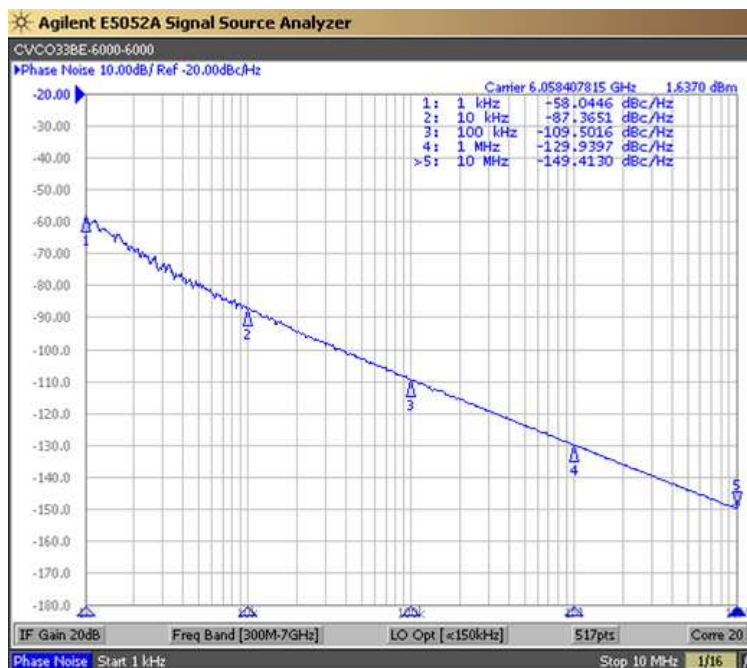
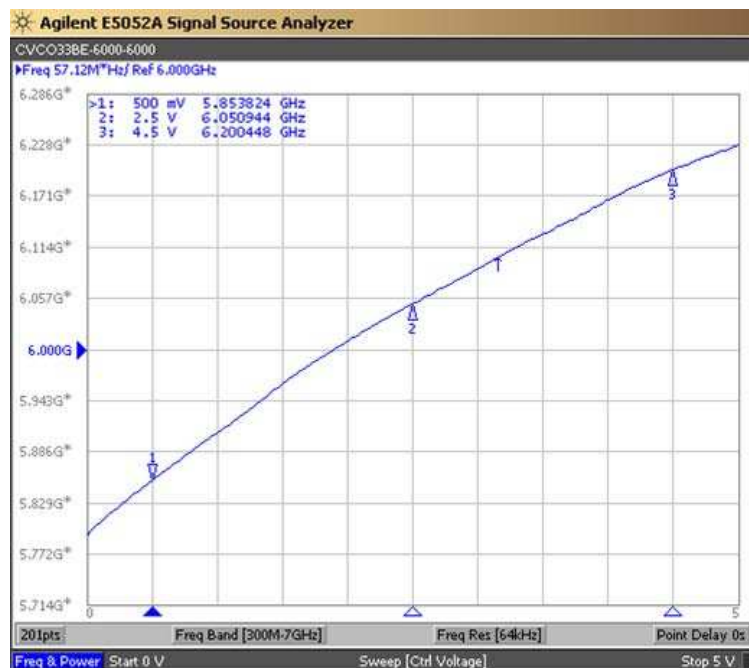


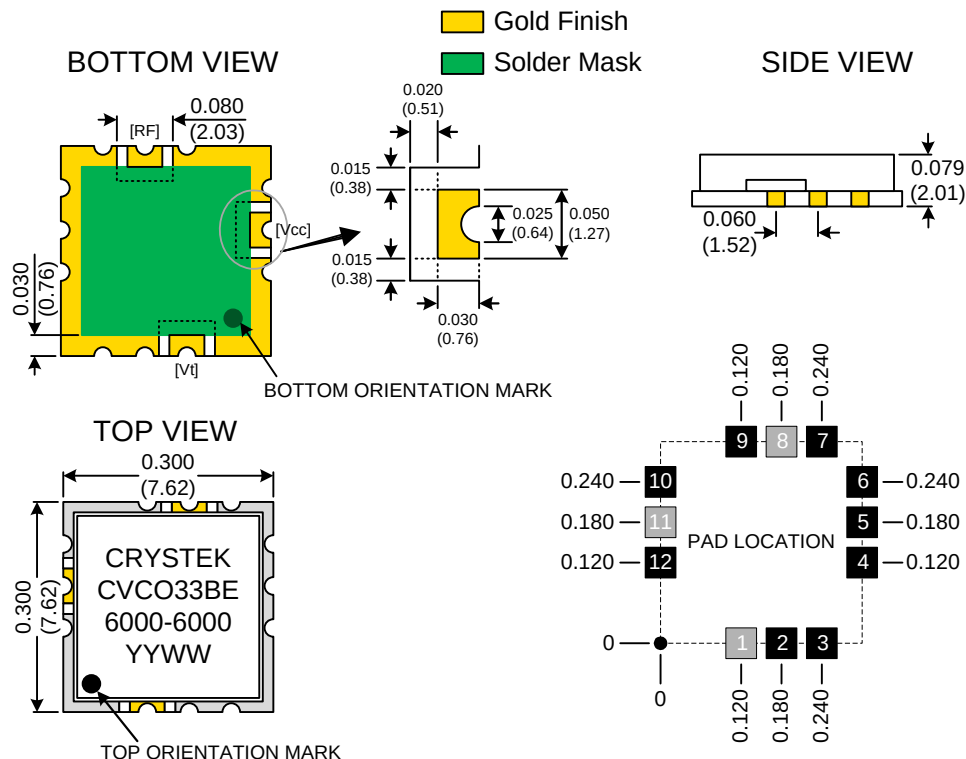
PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			6000	MHz
Upper Frequency:	6000			MHz
Tuning Voltage:	0.5		4.5	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	+3.0	+5.0	+7.0	dBm
Supply Current:		26	40	mA
Harmonic Suppression (2 nd Harmonic):		-20	-15	dBc
Pushing:		3.0	5.0	MHz/V
Pulling, all Phases:		6.0	8.0	MHz pk-pk
Tuning Sensitivity:		183		MHz/V
Phase Noise @ 10kHz offset:		-85		dBc/Hz
Phase Noise @ 100kHz offset:		-105		dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			10	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)

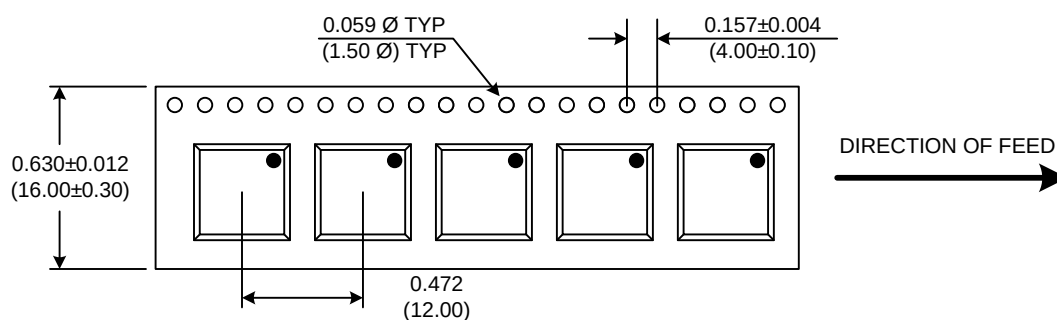




Pad	Connection
1	Vt
8	RF-OUTPUT
11	Vcc
Others	GROUND

- 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:	CVCO33BE-6000-6000	Release Date:	01-Nov-12
Revision Level:	A	Responsible:	C. Vales

Specification is subject to change without notice

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