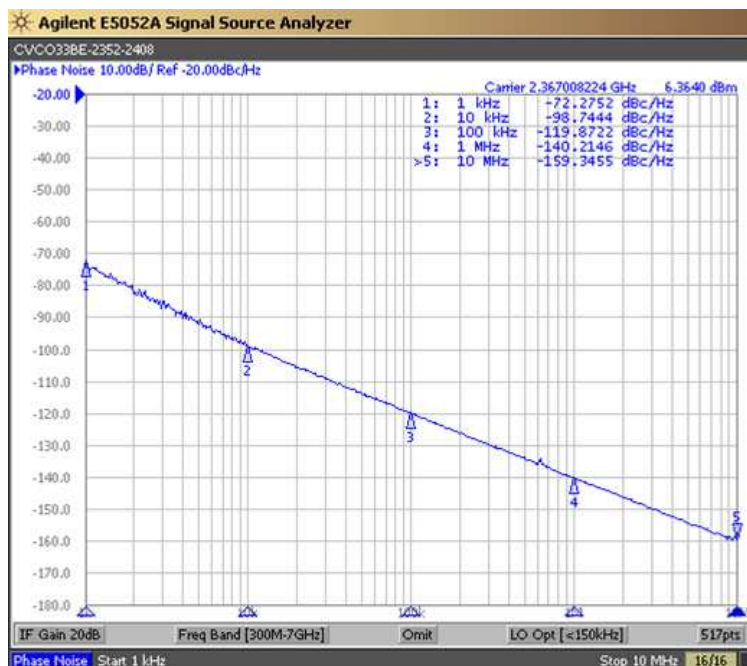


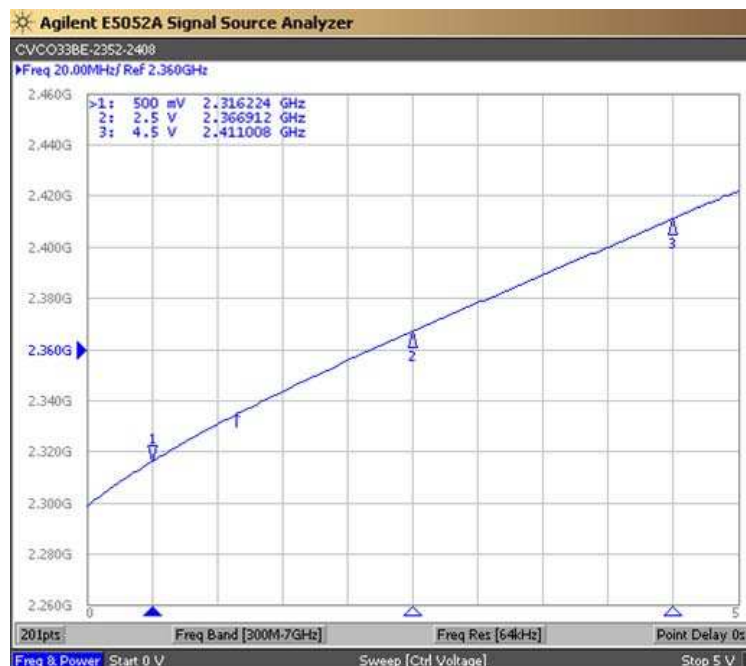


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			2352	MHz
Upper Frequency:	2408			MHz
Tuning Voltage:	0.5		4.5	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	0	+2.0	+4.0	dBm
Supply Current:		20		mA
Harmonic Suppression (2 nd Harmonic):		-15		dBc
Pushing:		5.0		MHz/V
Pulling, all Phases:		10.0		MHz pk-pk
Tuning Sensitivity:		20		MHz/V
Phase Noise @ 10kHz offset:		-101		dBc/Hz
Phase Noise @ 100kHz offset:		-121		dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			27	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)

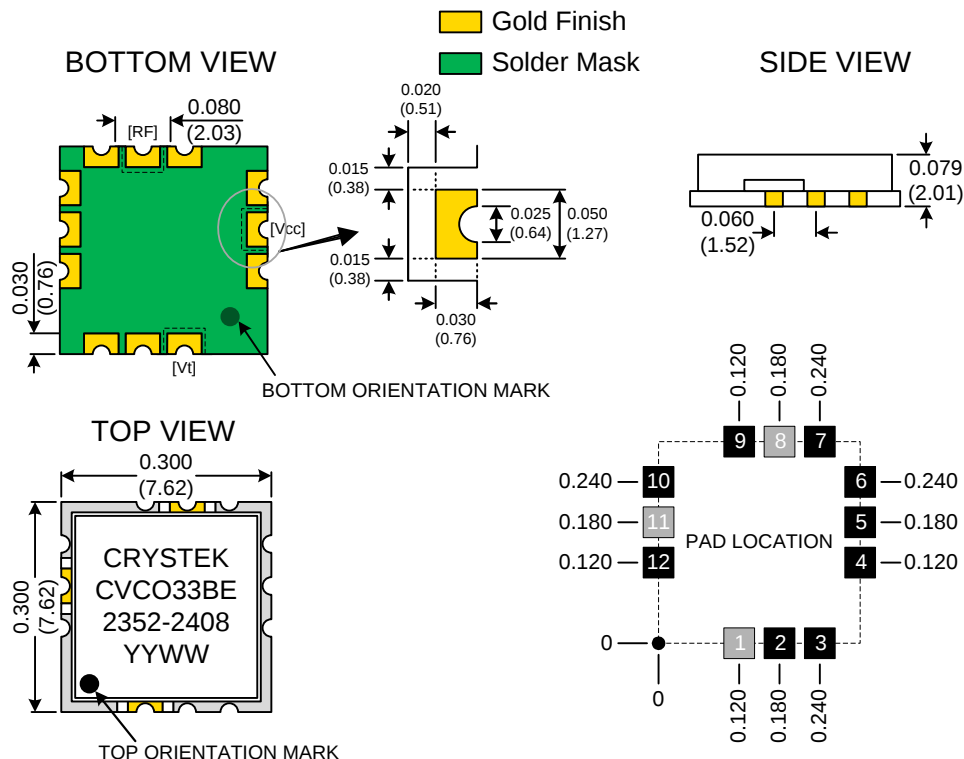




CRYSTEK
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Voltage Controlled Oscillator-VCO

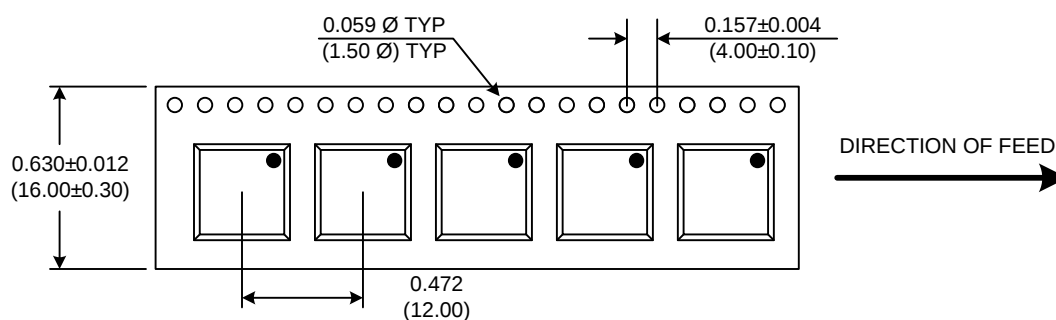
CVCO33BE-2352-2408



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



Product Control:

Crystek Part Number:	CVCO33BE-2352-2408	Release Date:	18-Jan-11
Revision Level:	A	Responsible:	C. Vales

Specification is subject to change without notice

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CRYSTEK
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