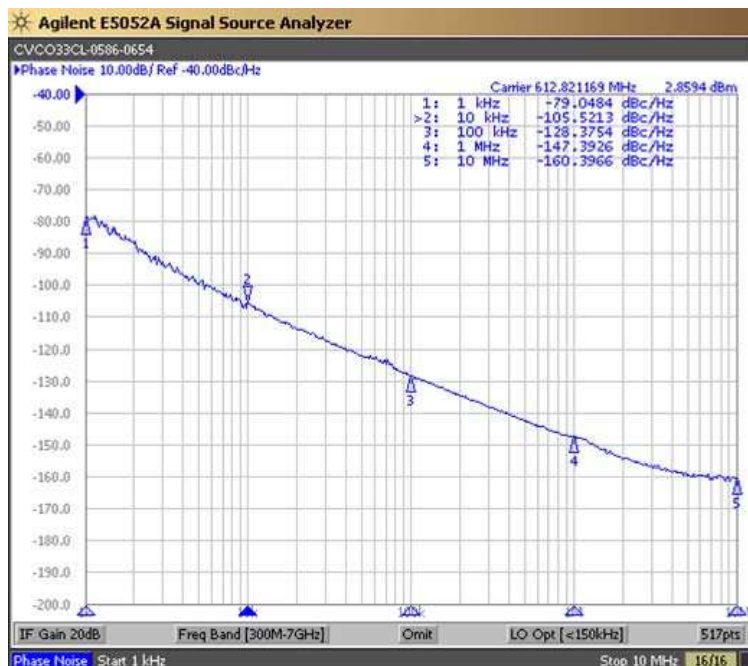


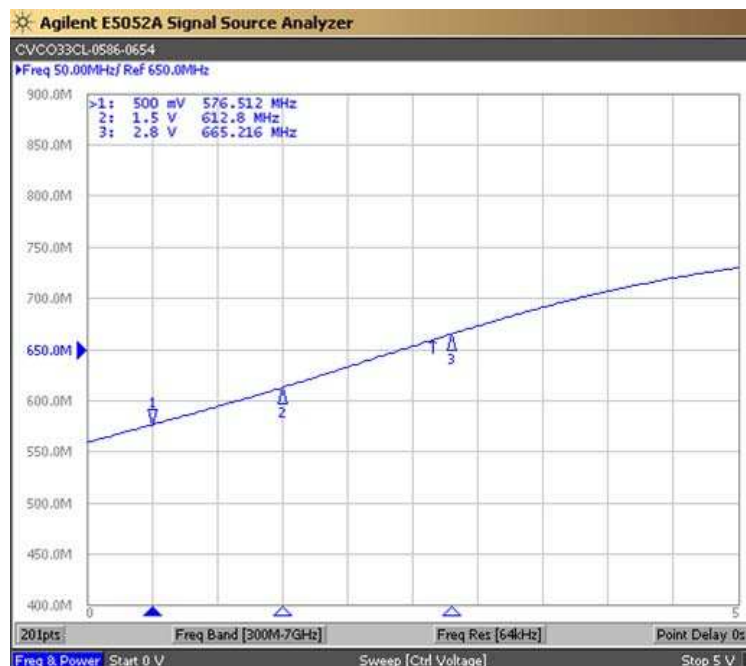


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			586	MHz
Upper Frequency:	654			MHz
Tuning Voltage:	0.2		2.8	VDC
Supply Voltage:	2.97	3.3	3.63	VDC
Output Power:	-3.0	0	+3.0	dBm
Supply Current:		15		mA
Harmonic Suppression (2 nd Harmonic):			-10	dBc
Pushing:			3.0	MHz/V
Pulling, all Phases:			1.0	MHz pk-pk
Tuning Sensitivity:		30		MHz/V
Phase Noise @ 10kHz offset:		-105		dBc/Hz
Phase Noise @ 100kHz offset:		-128		dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			150	pF
Operating Temperature Range:	-30		+60	$^{\circ}\text{C}$
Storage Temperature Range:	-40		+85	$^{\circ}\text{C}$

Phase Noise (1 Hz BW, Typical)



Tuning Curve (Typical)

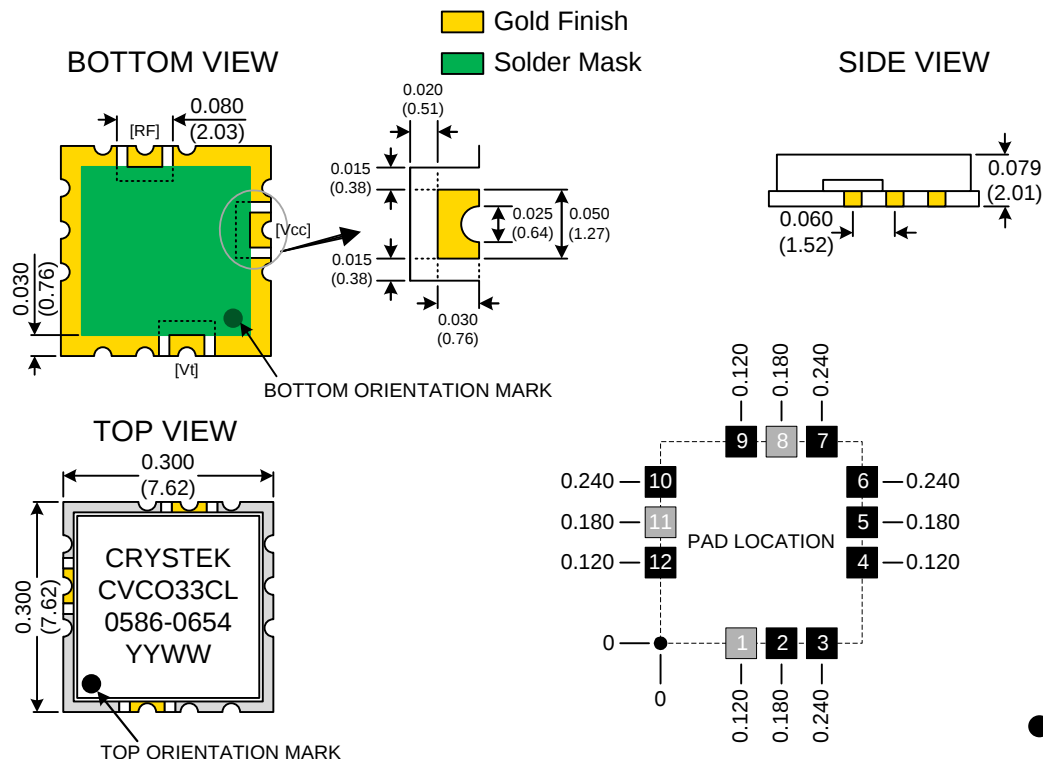




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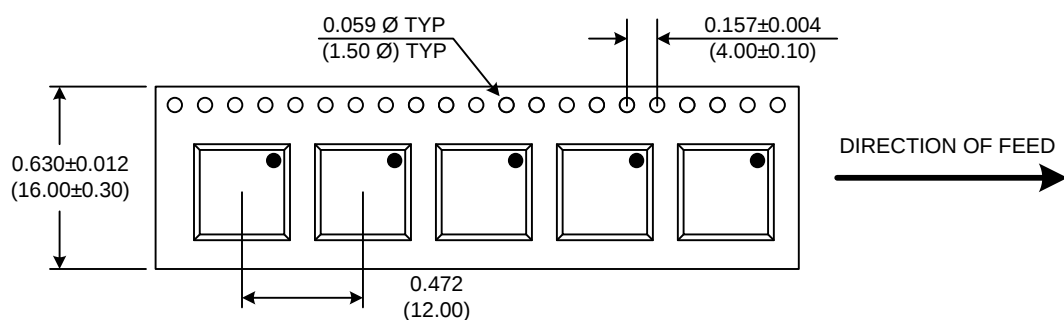
Voltage Controlled Oscillator-VCO

CVCO33CL-0586-0654



- 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:	CVCO33CL-0586-0654	Release Date:	18-Aug-10
Revision Level:	B	Responsible:	C. Vales

Specification is subject to change without notice

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CRYSTEK
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