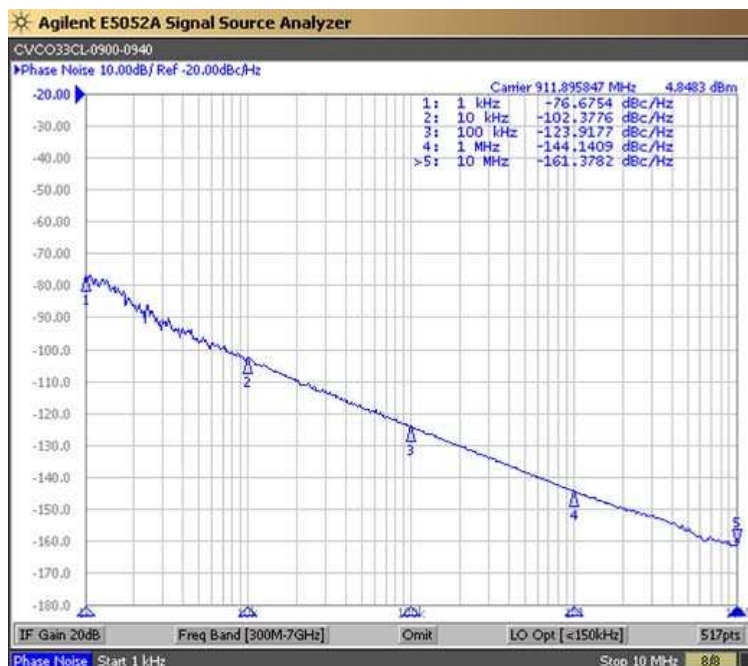
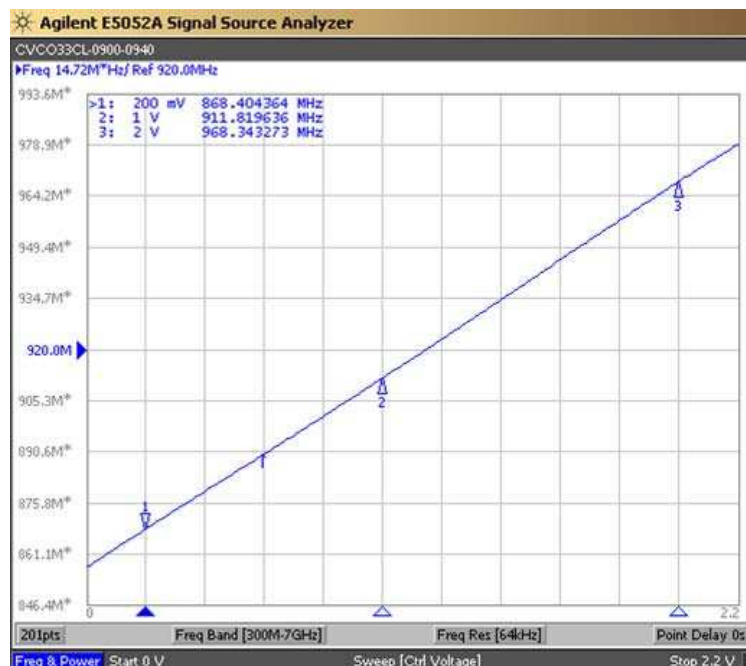


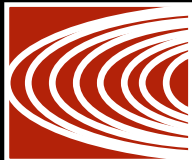
PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			0900	MHz
Upper Frequency:	0940			MHz
Tuning Voltage:	0.2		2.0	VDC
Supply Voltage:	2.85	3.0	3.15	VDC
Output Power:	+1.0	+3.0	+5.0	dBm
Supply Current:			20	mA
Harmonic Suppression (2 nd Harmonic):			-10	dBc
Pushing:			1.0	MHz/V
Pulling, all Phases:			8.0	MHz pk-pk
Tuning Sensitivity:	25			MHz/V
Phase Noise @ 10kHz offset:		-104		dBc/Hz
Phase Noise @ 100kHz offset:		-124		dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			22	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)

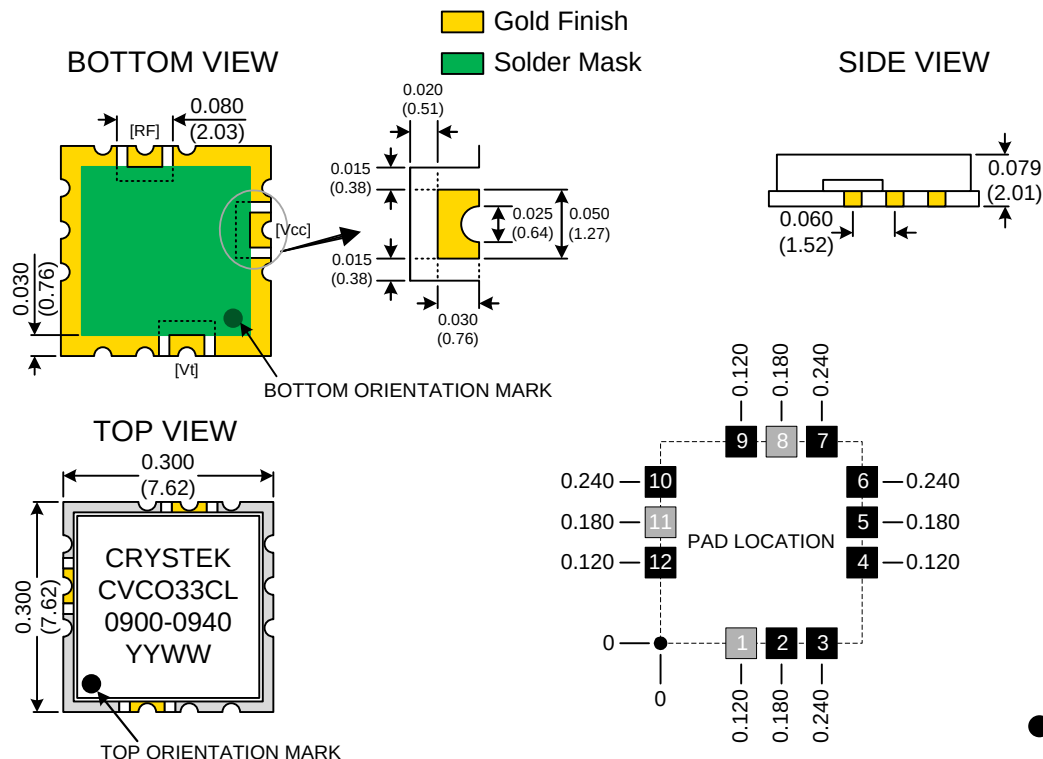




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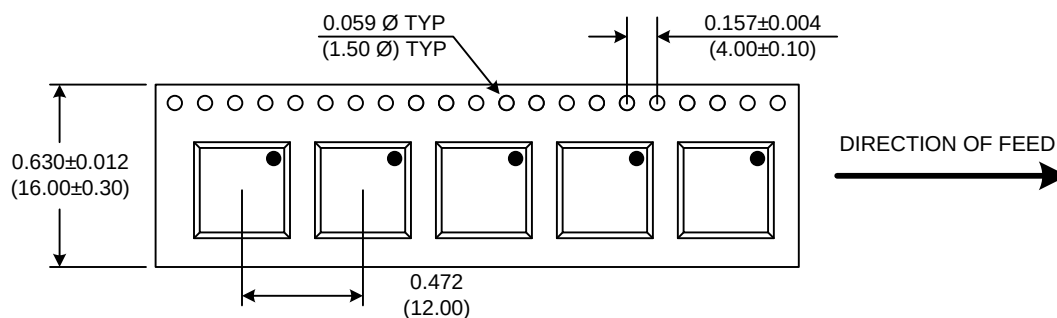
Voltage Controlled Oscillator-VCO

CVCO33CL-0900-0940



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

TAPE AND REEL



Product Control:

Crystek Part Number:	CVCO33CL-0900-0940	Release Date:	13-Dec-10
Revision Level:	A	Responsible:	C. Vales

Specification is subject to change without notice

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CRYSTEK
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