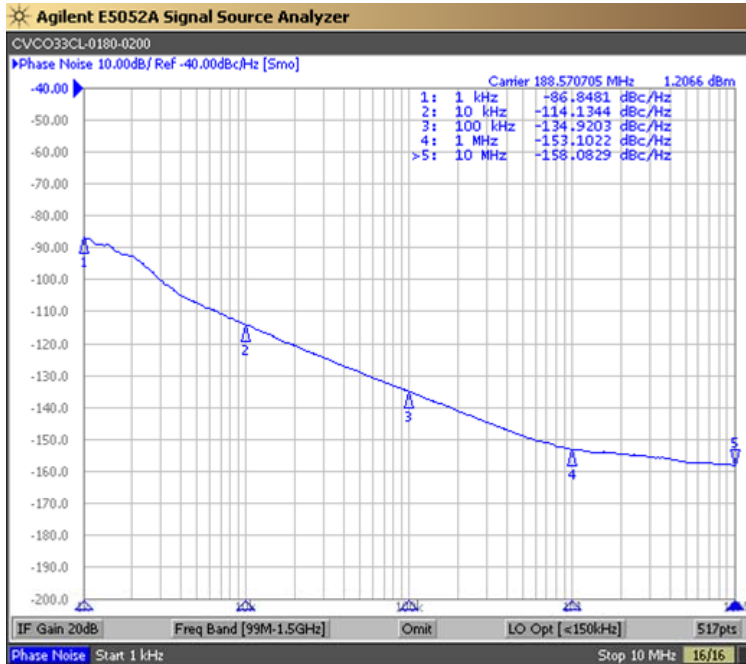


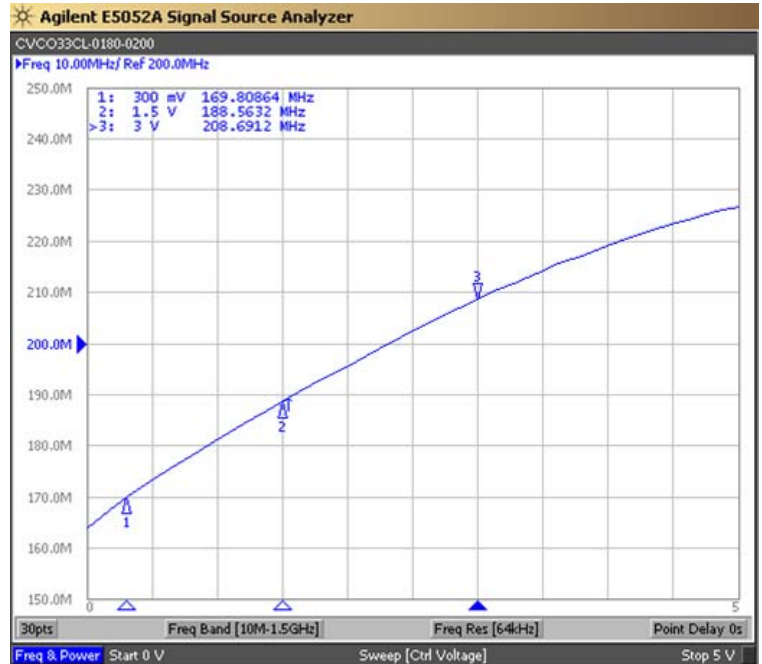


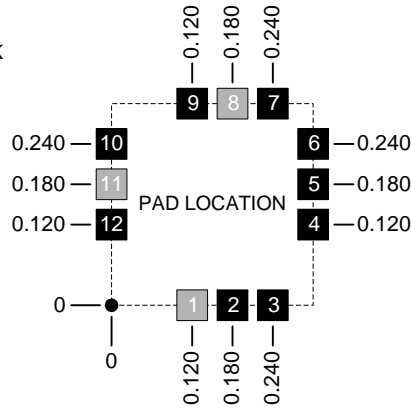
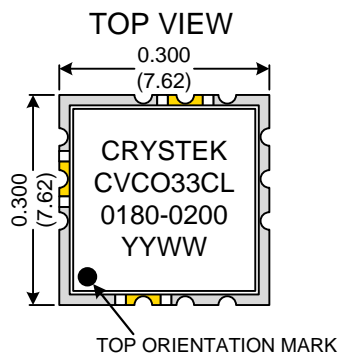
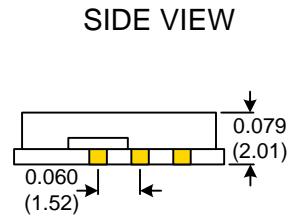
PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			180	MHz
Upper Frequency:	200			MHz
Tuning Voltage:	0.3		3.0	VDC
Supply Voltage:	2.97	3.3	3.63	VDC
Output Power:	-2.0	0	+2.0	dBm
Supply Current:		15		mA
Harmonic Suppression (2 nd Harmonic):		-10		dBc
Pushing:		1.0		MHz/V
Pulling, all Phases:		2.0		MHz pk-pk
Tuning Sensitivity:		10		MHz/V
Phase Noise @ 10kHz offset:		-110		dBc/Hz
Phase Noise @ 100kHz offset:		-130		dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			100	pF
Operating Temperature Range:	-30		+70	$^{\circ}$ C
Storage Temperature Range:	-45		+85	$^{\circ}$ C

Phase Noise (1 Hz BW, Typical)



Tuning Curve (Typical)

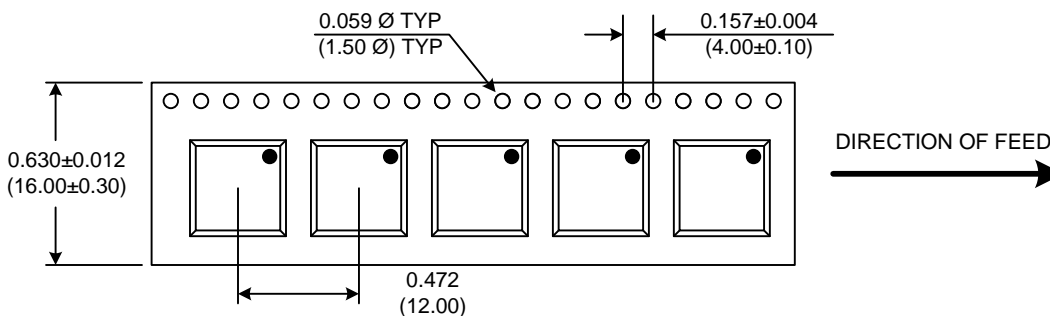




Pad	Connection
1	Vt
8	RF-OUTPUT
11	Vcc
Others	GROUND

- Unless otherwise specified, Dimensions are in: $\frac{IN}{(mm)}$
- Pad Location Dimensions are in: Inches

TAPE AND REEL



Drawing not to scale

Product Control:

Crystek Part Number:	CVCO33CL-0180-0200	Release Date:	25-Sep-12
Revision Level:	B	Responsible:	C. Vales

Specification is subject to change without notice

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