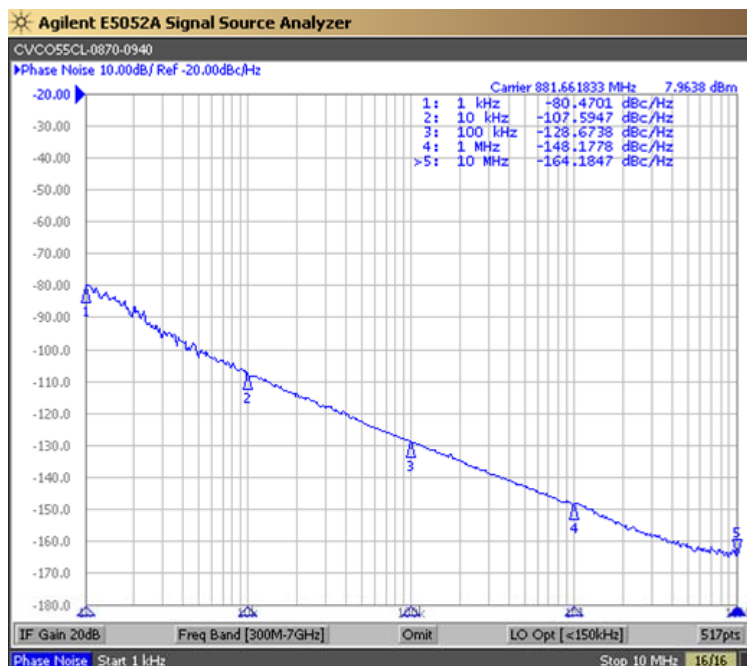


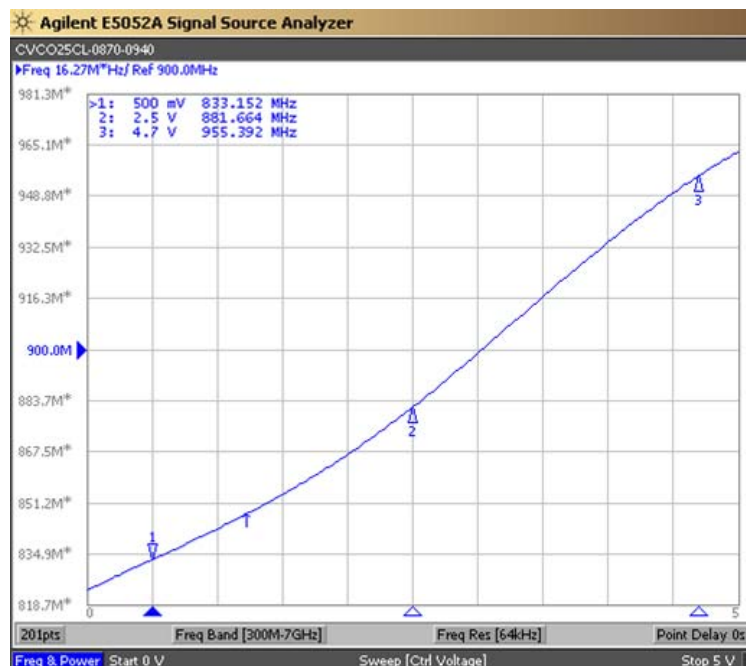


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			870	MHz
Upper Frequency:	940			MHz
Tuning Voltage:	0.3		4.7	VDC
Supply Voltage:	4.465	4.7	4.935	VDC
Output Power:	+6.0	+8.0	+10.0	dBm
Supply Current:		15		mA
Harmonic Suppression (2 nd Harmonic):		-10		dBc
Pushing:		1.0		MHz/V
Pulling, all Phases:		2.0		MHz pk-pk
Tuning Sensitivity:		20		MHz/V
Phase Noise @ 10kHz offset:			-105	dBc/Hz
Phase Noise @ 100kHz offset:		-128		dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			47	pF
Operating Temperature Range:	-30		+70	$^{\circ}\text{C}$
Storage Temperature Range:	-45		+90	$^{\circ}\text{C}$

Phase Noise (1 Hz BW, Typical)



Tuning Curve (Typical)



Product Control:

Crystek Part Number:	CVCO25CL-0870-0940	Release Date:	01-Mar-2016
Revision Level:	D	Responsible:	C. Vales

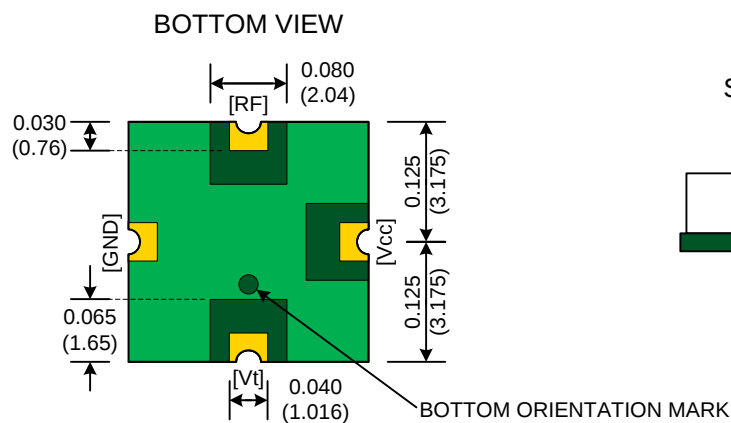




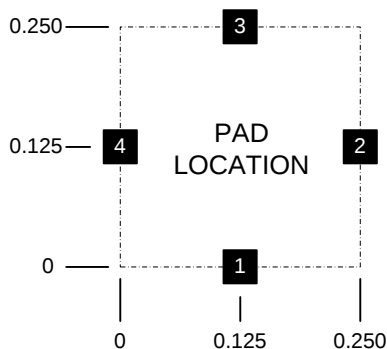
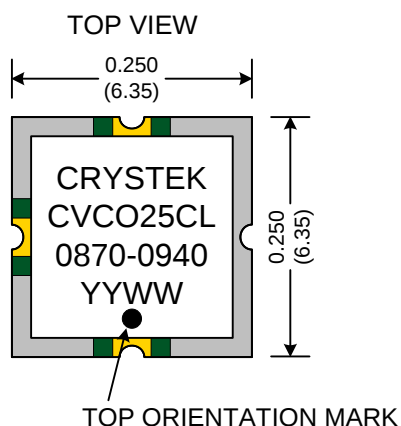
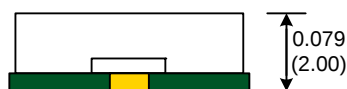
CRYSTEK
MICROWAVE
A DIVISION OF CRYSTEK CORPORATION

Voltage Controlled Oscillator-VCO

CVCO25CL-0870-0940



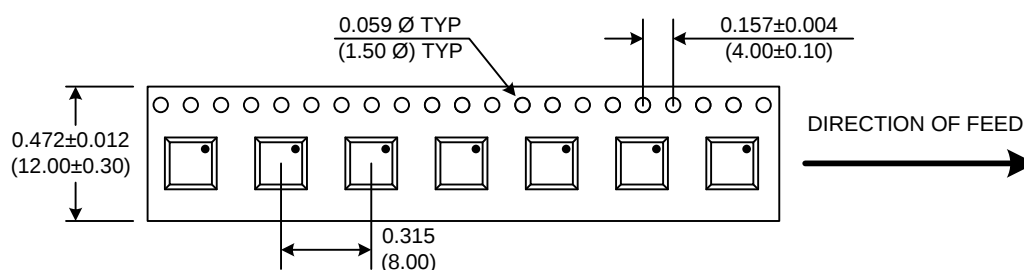
SIDE VIEW



Pad	Connection
1	Vt
2	GROUND
3	RF-OUTPUT
4	Vcc

- 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:	CVCO25CL-0870-0940	Release Date:	01-Mar-2016
Revision Level:	D	Responsible:	C. Vales

Specification is subject to change without notice

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