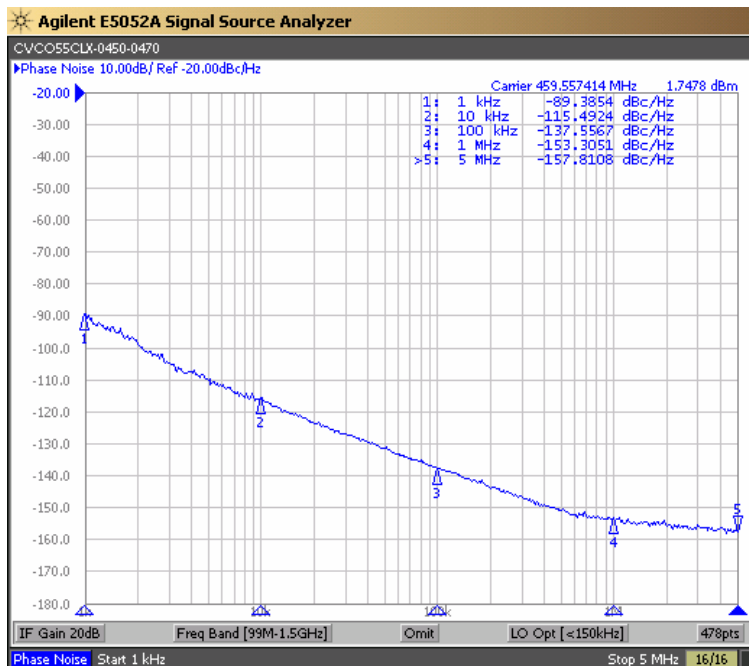


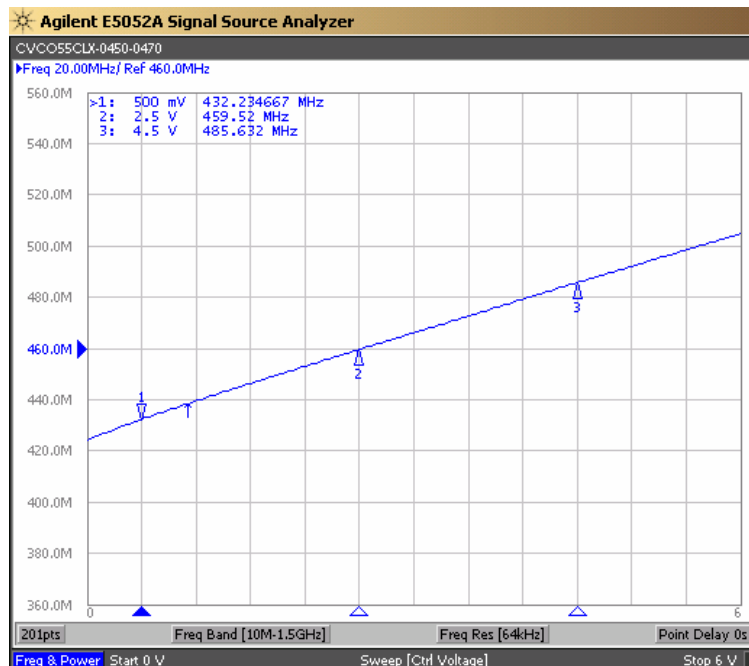


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			450	MHz
Upper Frequency:	470			MHz
Tuning Voltage:	0.5		4.5	VDC
Supply Voltage:	3.14	3.30	3.46	VDC
Output Power:	-3.0	0	+3.0	dBm
Supply Current:		12		mA
Harmonic Suppression (2 nd Harmonic):		-12	-5.0	dBc
Pushing:		1.0	2.0	MHz/V
Pulling, all Phases:		1.0	2.0	MHz pk-pk
Tuning Sensitivity:		20		MHz/V
Phase Noise @ 10kHz offset:		-116	-112	dBc/Hz
Phase Noise @ 100kHz offset:		-137		dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			68	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)

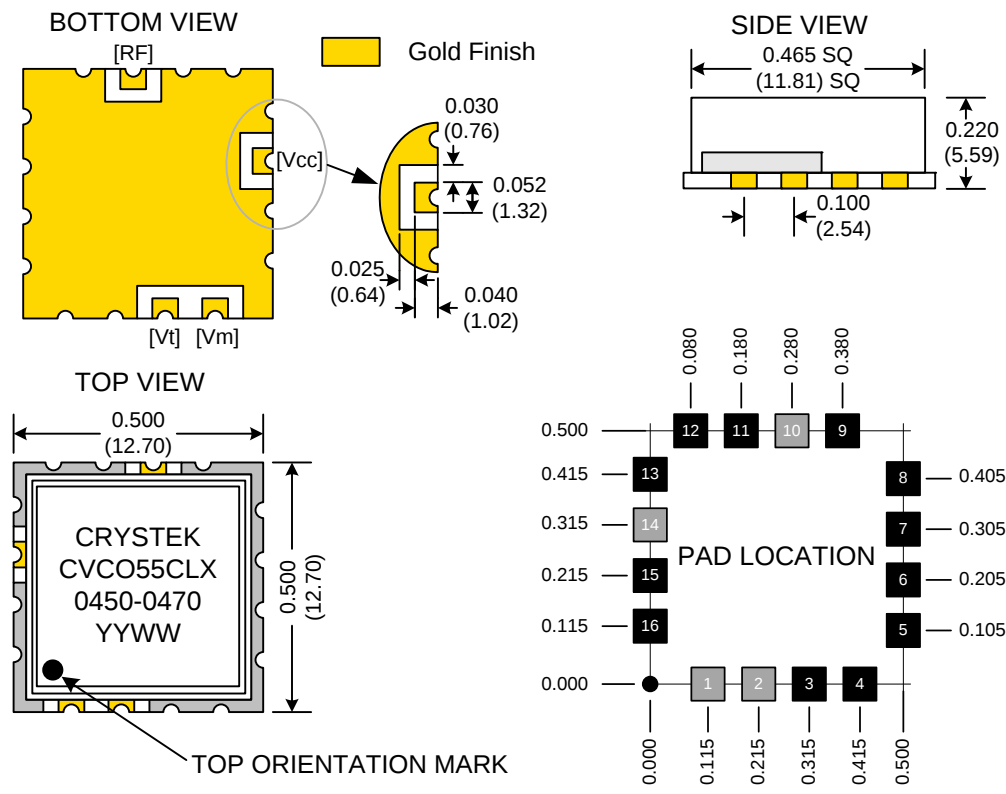




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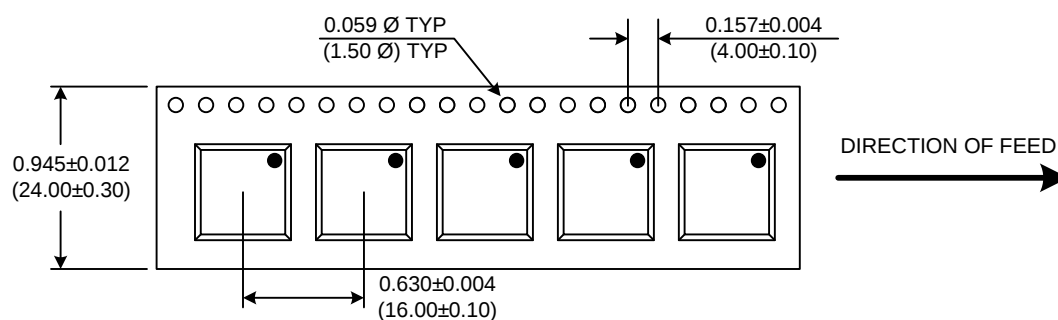
Voltage Controlled Oscillator-VCO

CVCO55CLX-0450-0470



- 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:	CVCO55CLX-0450-0470	Release Date:	31-Mar-09
Revision Level:	E	Responsible:	C. Vales

Specification is subject to change without notice

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CRYSTEK
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