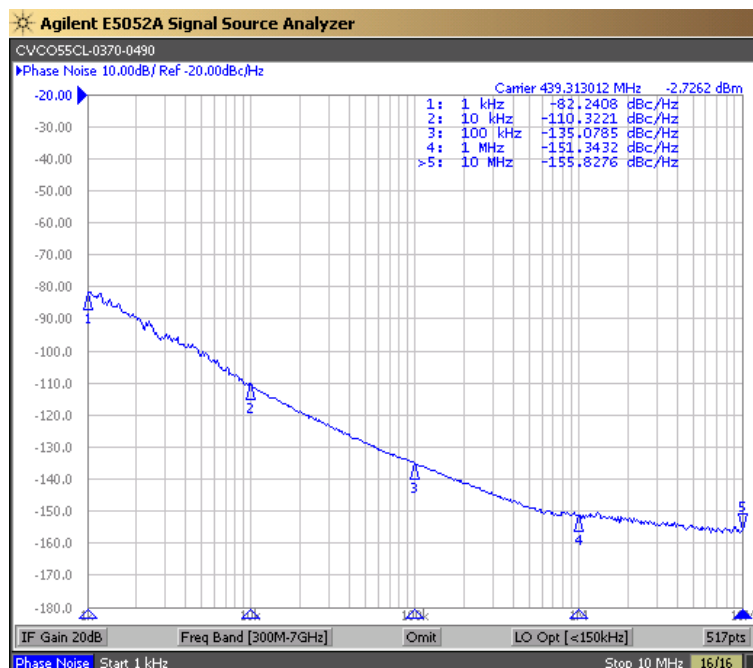


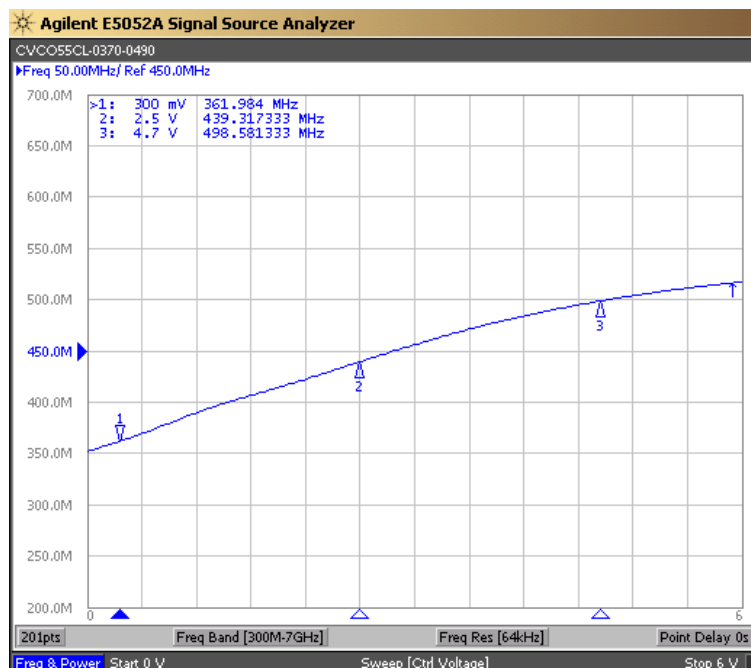


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			370	MHz
Upper Frequency:	490			MHz
Tuning Voltage:	0.3		4.7	VDC
Supply Voltage:	5.0	5.25	5.5	VDC
Output Power:	-5.0	-2.5	0	dBm
Supply Current:		30	40	mA
Harmonic Suppression (2 nd Harmonic):		-20		dBc
Pushing:		3.0		MHz/V
Pulling, all Phases:		5.0		MHz pk-pk
Tuning Sensitivity:		40		MHz/V
Phase Noise @ 10kHz offset:		-110		dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			220	pF
Operating Temperature Range:	-30		+60	$^{\circ}\text{C}$
Storage Temperature Range:	-35		+90	$^{\circ}\text{C}$

Phase Noise (1 Hz BW, Typical)



Tuning Curve (Typical)

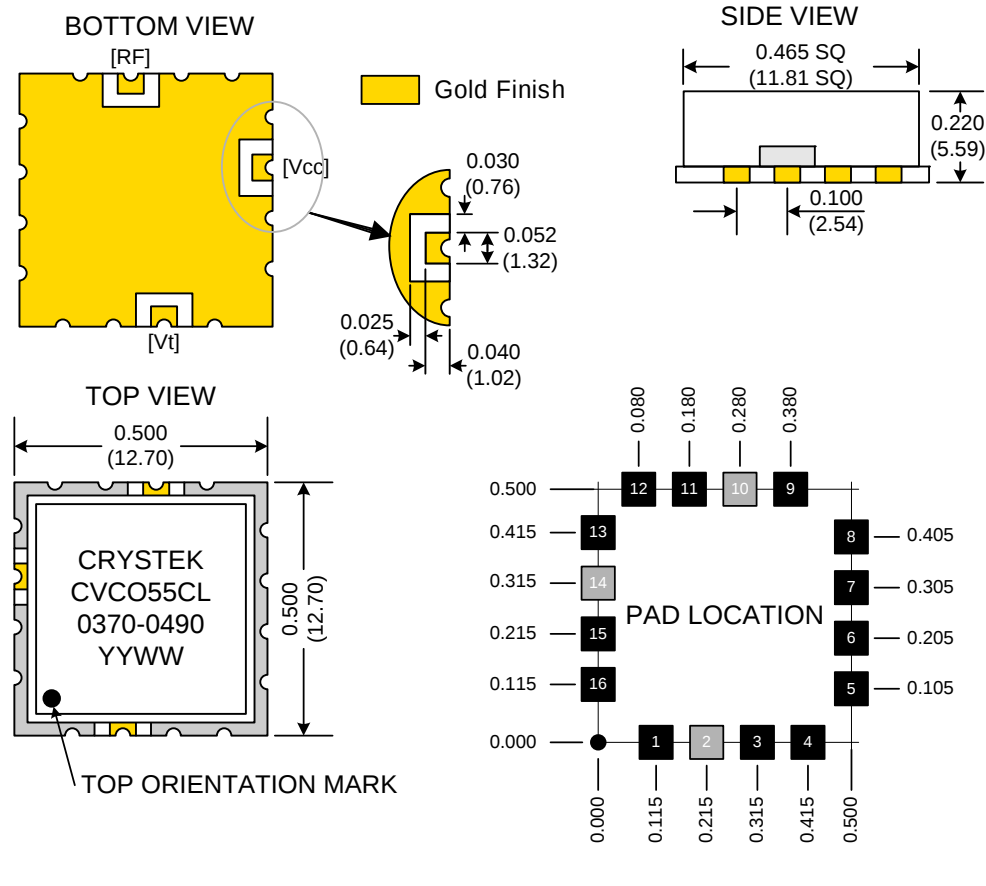




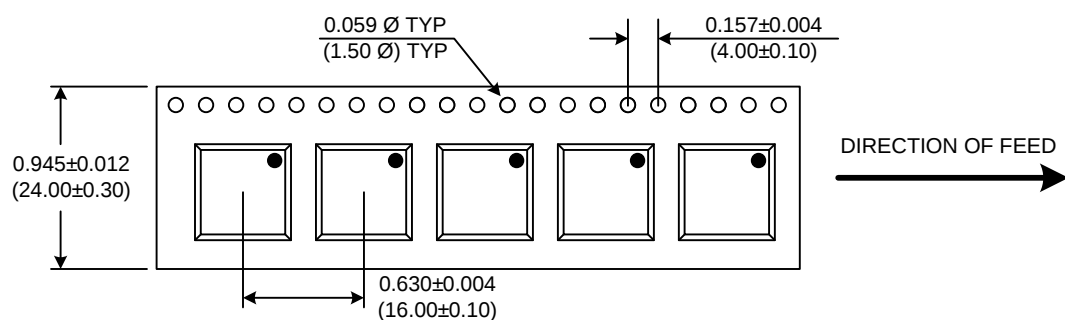
CRYSTEK
MICROWAVE
A DIVISION OF CRYSTEK CORPORATION

Voltage Controlled Oscillator-VCO

CVCO55CL-0370-0490



TAPE AND REEL



Product Control:

Crystek Part Number:	CVCO55CL-0370-0490	Release Date:	15-Jan-10
Revision Level:	A	Responsible:	C. Vales

Specification is subject to change without notice

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CRYSTEK
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