

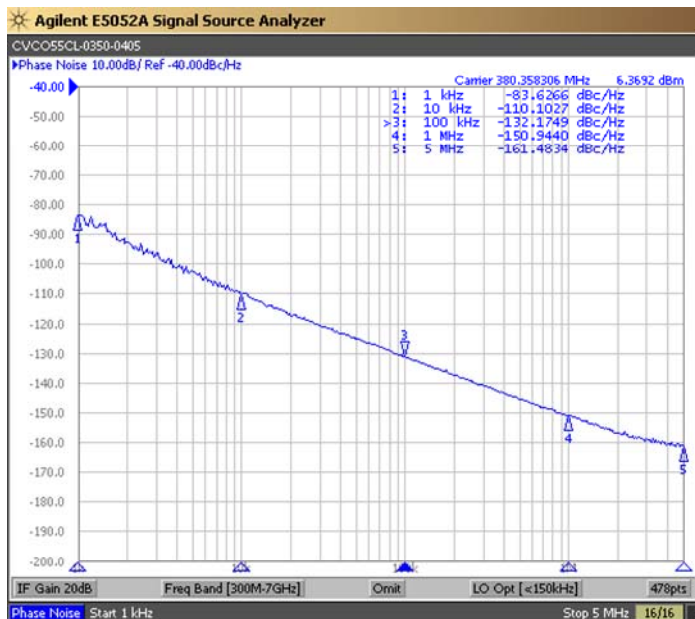
CRYSTEK
MICROWAVE
A DIVISION OF CRYSTEK CORPORATION

Voltage Controlled Oscillator-VCO CVCO55CL-0350-0405

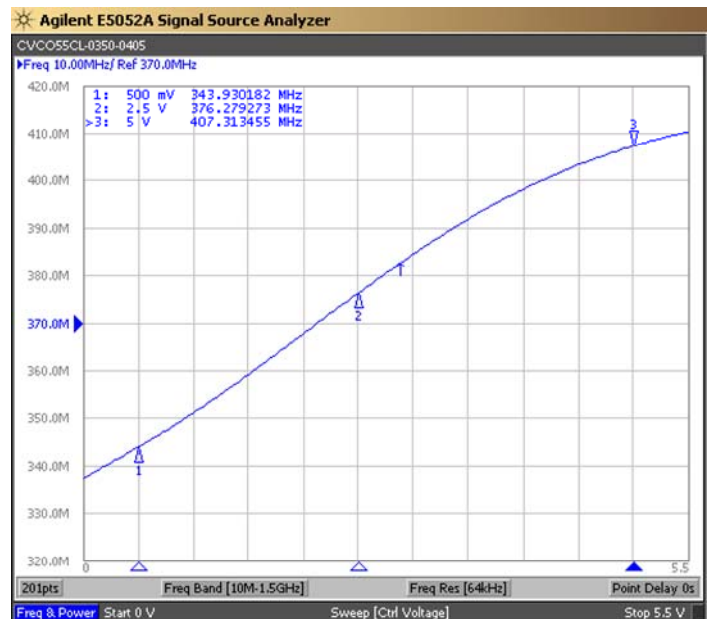


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			350	MHz
Upper Frequency:	405			MHz
Tuning Voltage:	0.5		5	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	+4.5	+7.25	+10.0	dBm
Supply Current:			15	mA
Harmonic Suppression (2 nd Harmonic):		-3		dBc
Pushing:			3.0	MHz/V
Pulling, all Phases:			2.0	MHz pk-pk
Tuning Sensitivity:		39		MHz/V
Phase Noise @ 10kHz offset:		-110		dBc/Hz
Phase Noise @ 100kHz offset:		-133		dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			300	pF
Operating Temperature Range:	-40		+85	$^{\circ}\text{C}$
Storage Temperature Range:	-45		+90	$^{\circ}\text{C}$

Phase Noise (1 Hz BW, Typical)

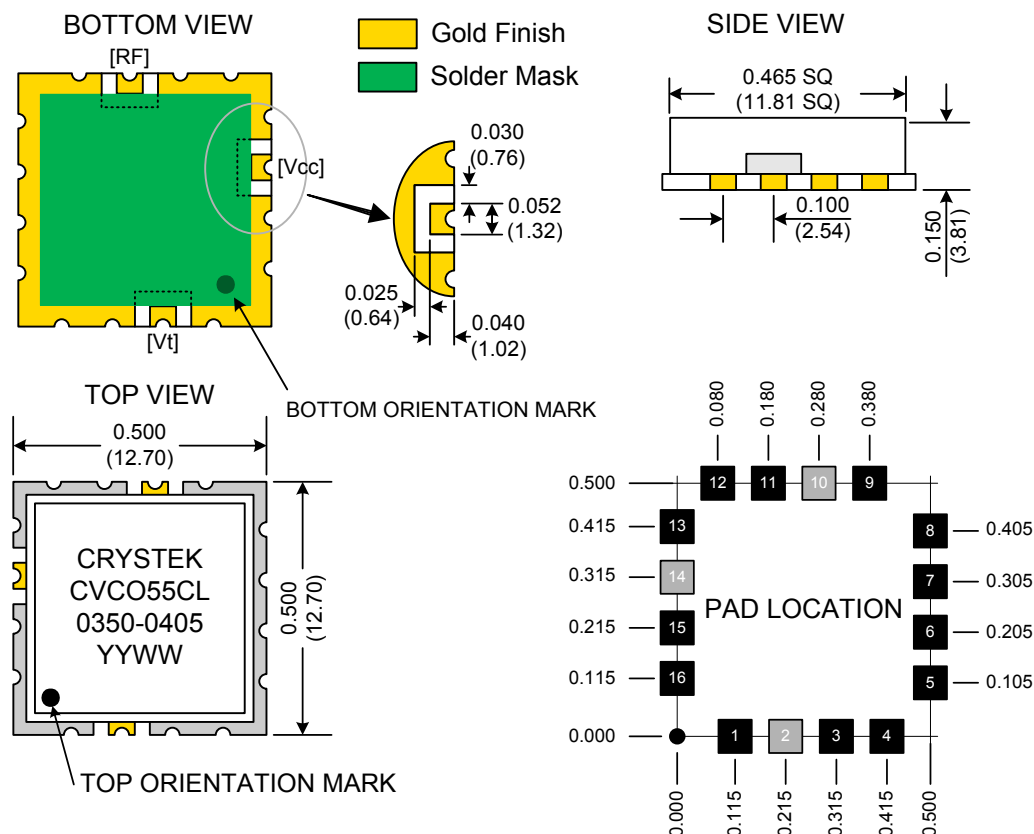
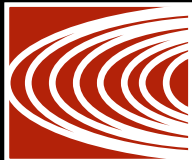


Tuning Curve (Typical)

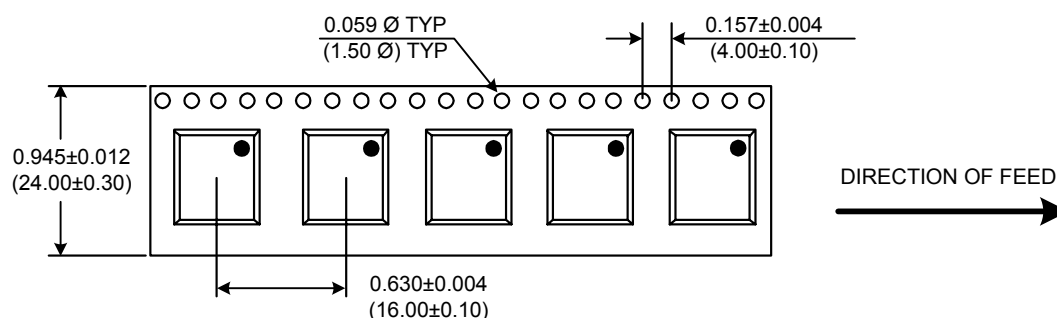


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TAPE AND REEL



Product Control:

Crystek Part Number:	CVCO55CL-0350-0405	Release Date:	26-Feb-08
Revision Level:	C	Responsible:	C. Vales

Specification is subject to change without notice

