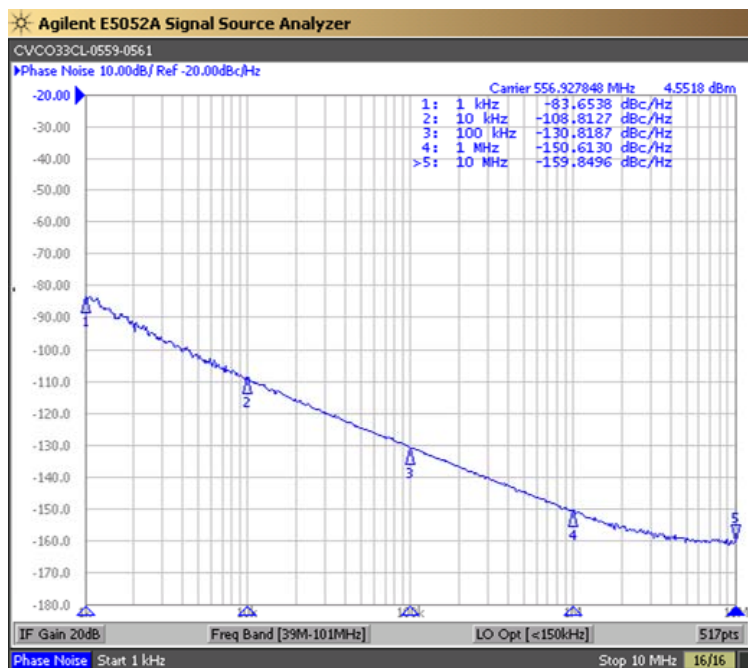
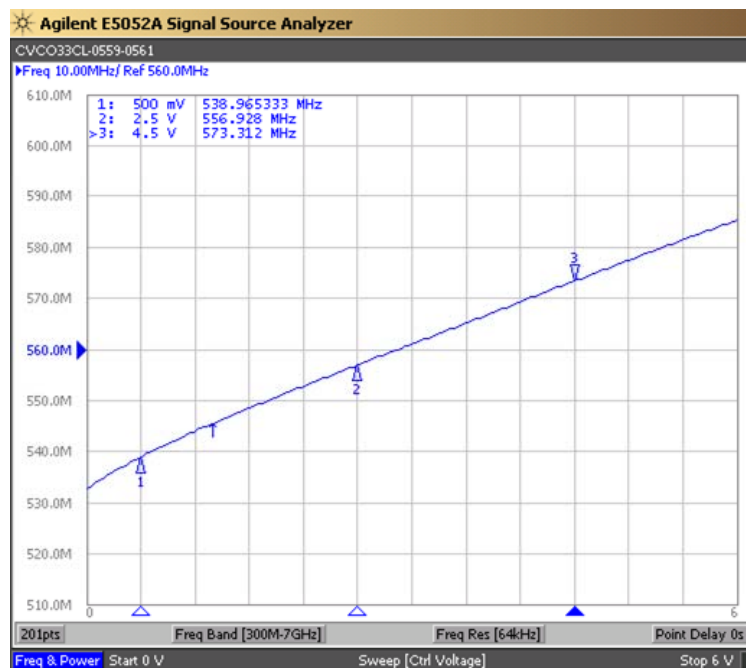


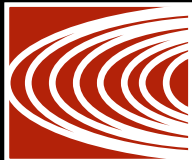
PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			559	MHz
Upper Frequency:	561			MHz
Tuning Voltage:	0.5		4.5	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	0	+2.0	+4.0	dBm
Supply Current:		15		mA
Harmonic Suppression (2 nd Harmonic):		-15		dBc
Pushing:		1.0		MHz/V
Pulling, all Phases:		3.0		MHz pk-pk
Tuning Sensitivity:		12		MHz/V
Phase Noise @ 10kHz offset:		-95		dBc/Hz
Phase Noise @ 100kHz offset:		-117		dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			100	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)

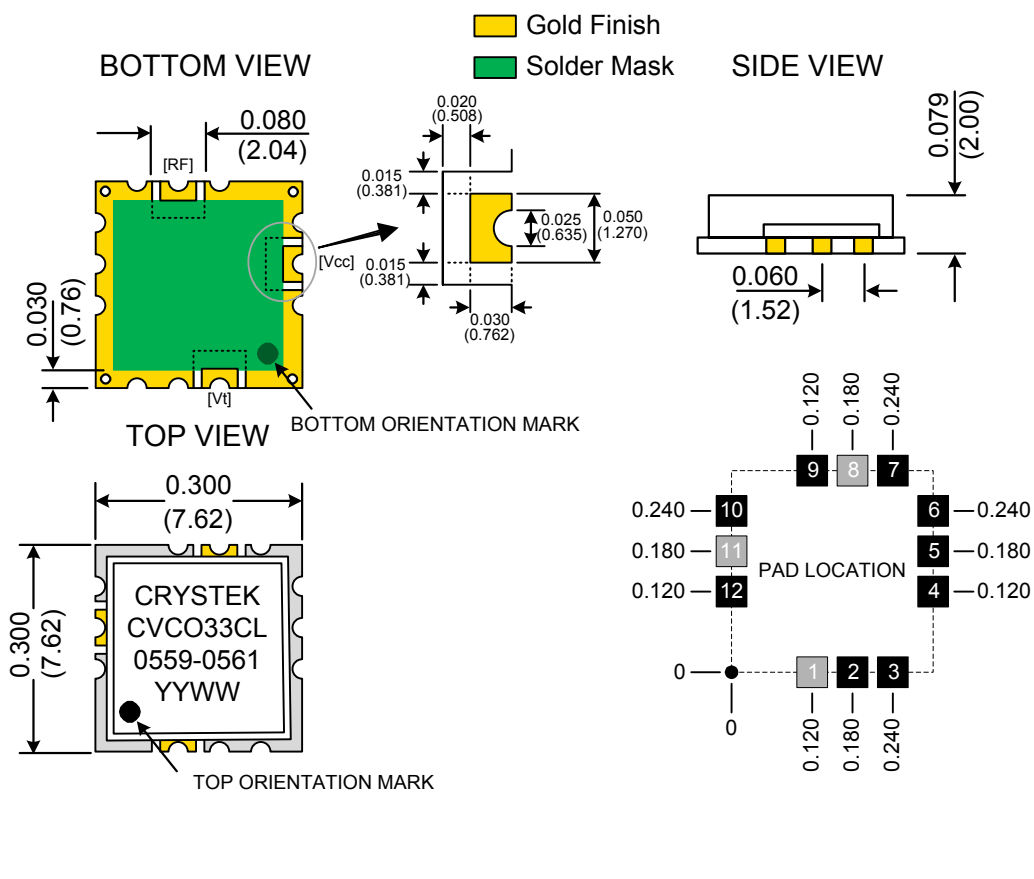




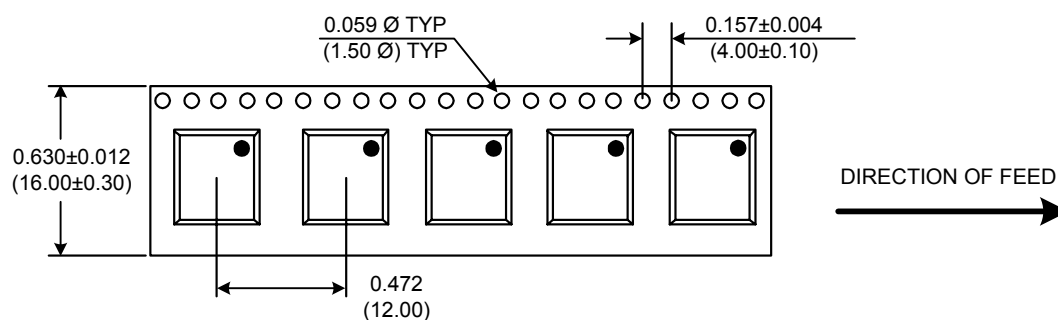
CRYSTEK
MICROWAVE
A DIVISION OF CRYSTEK CORPORATION

Voltage Controlled Oscillator-VCO

CVCO33CL-0559-0561



TAPE AND REEL



Drawing not to scale

Product Control:

Crystek Part Number:	CVCO33CL-0559-0561	Release Date:	20-March-08
Revision Level:	C	Responsible:	C. Vales

Specification is subject to change without notice

Page 2 of 2



CRYSTEK
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