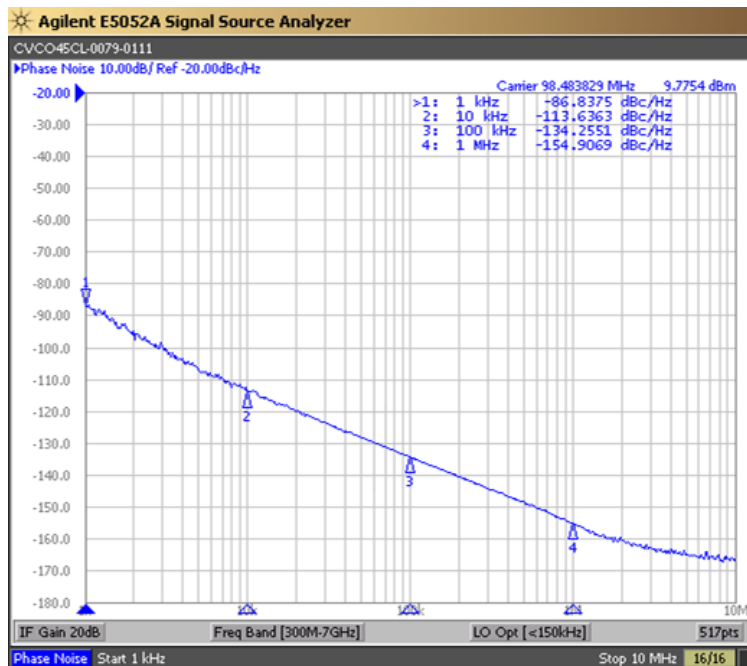


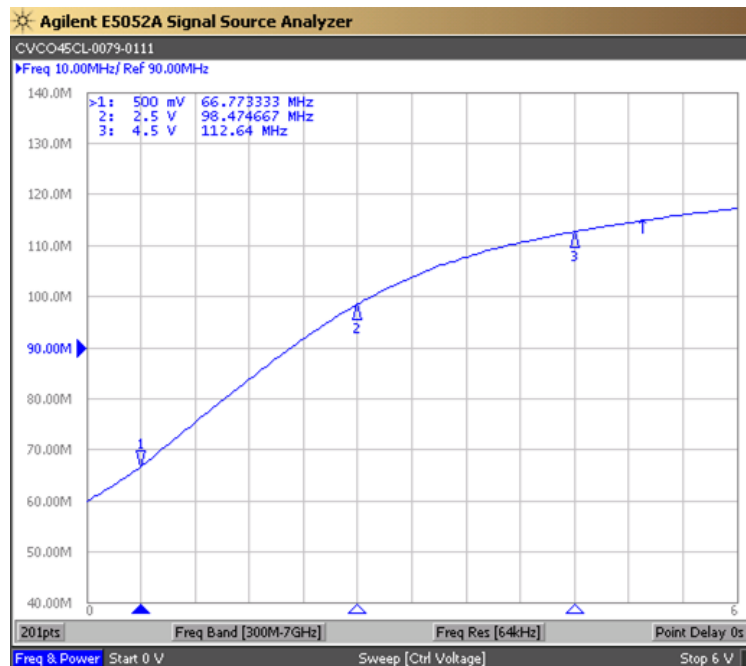


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			79	MHz
Upper Frequency:	111			MHz
Tuning Voltage:	0.5		4.5	VDC
Supply Voltage:	4.47	4.7	4.93	VDC
Output Power:	0	+5.0	+10.0	dBm
Supply Current:		10	15	mA
Harmonic Suppression (2 nd Harmonic):		-10	-5	dBc
Pushing:		1.0	2.0	MHz/V
Pulling, all Phases:		1.0	2.0	MHz pk-pk
Tuning Sensitivity:		11		MHz/V
Phase Noise @ 10kHz offset:		-113	-110	dBc/Hz
Phase Noise @ 100kHz offset:		-134		dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			100	pF
Operating Temperature Range:	-10		+70	$^{\circ}\text{C}$
Storage Temperature Range:	-45		+90	$^{\circ}\text{C}$

Phase Noise (1 Hz BW, Typical)



Tuning Curve (Typical)

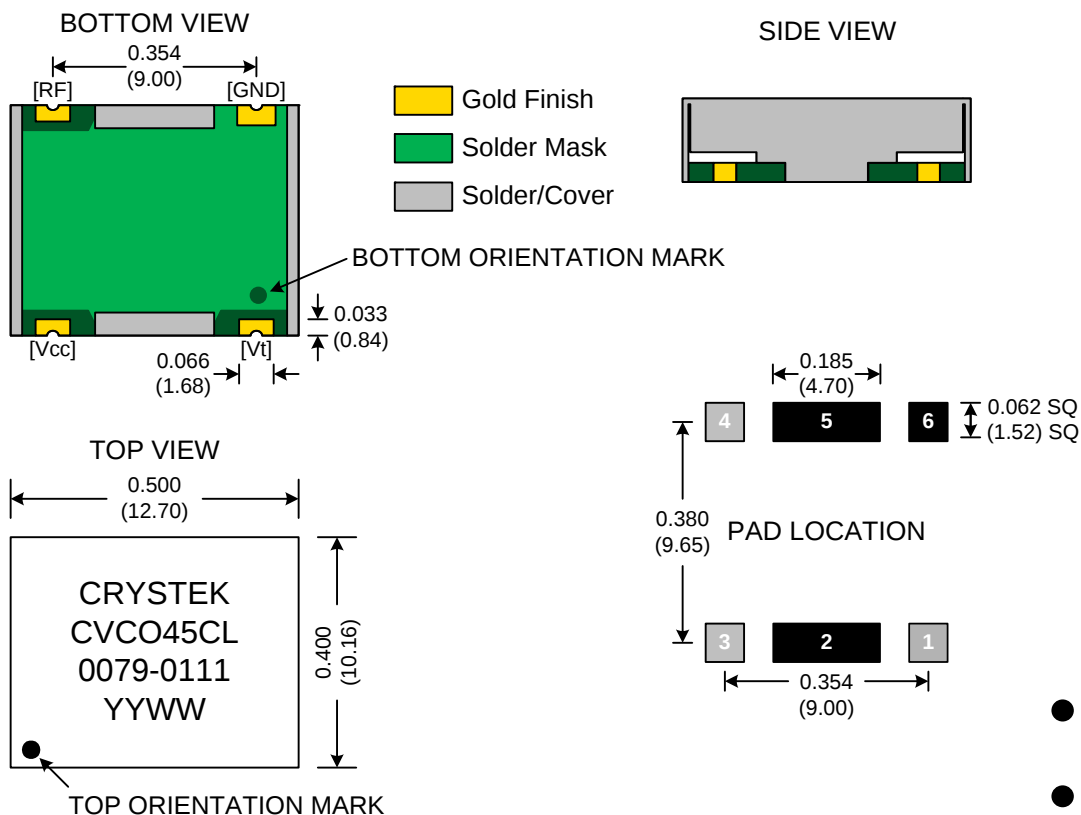




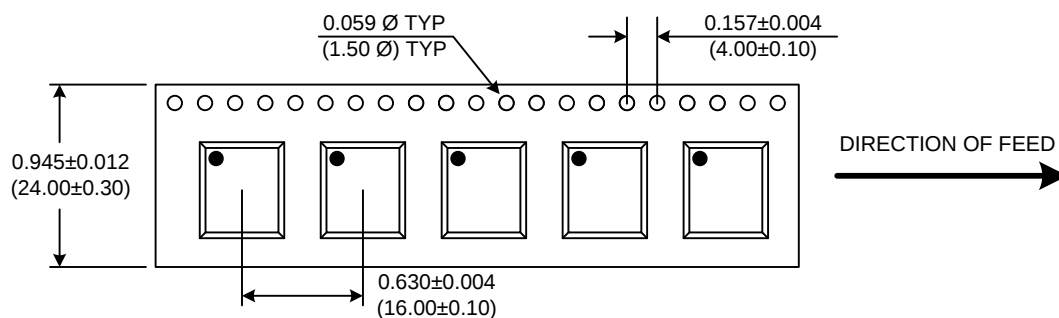
CRYSTEK
MICROWAVE
A DIVISION OF CRYSTEK CORPORATION

Voltage Controlled Oscillator-VCO

CVCO45CL-0079-0111



TAPE AND REEL



Product Control:

Crystek Part Number:	CVCO45CL-0079-0111	Release Date:	12-Mar-09
Revision Level:	G	Responsible:	C. Vales

Specification is subject to change without notice

Page 2 of 2



CRYSTEK
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