

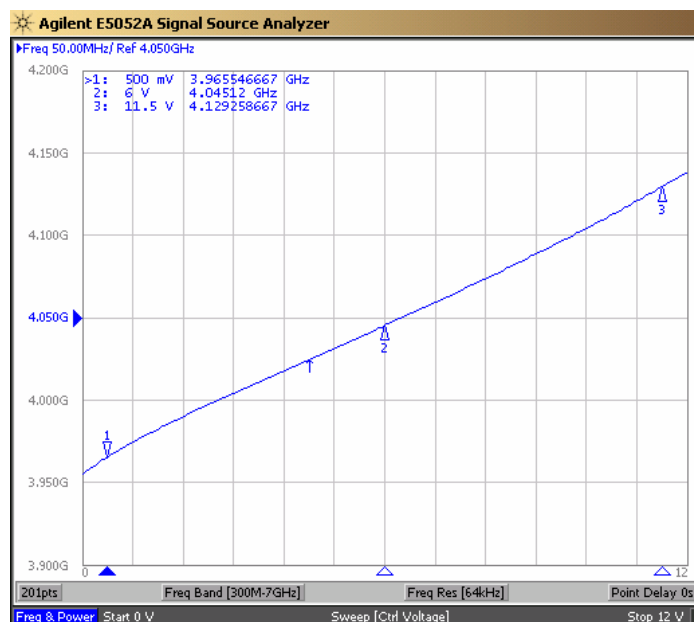
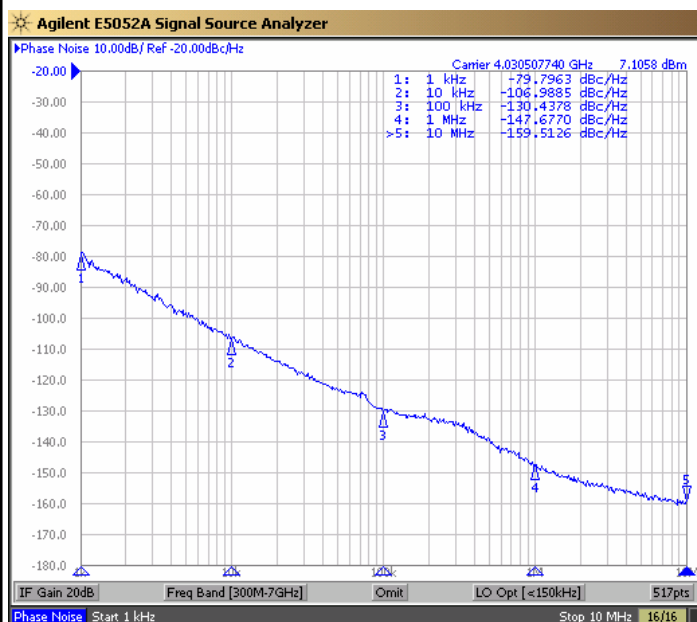
Coaxial Resonator Oscillator-CRO CVCO55CC-3985-4115



PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			3985	MHz
Upper Frequency:	4115			MHz
Tuning Voltage:	0.5		11.5	VDC
Supply Voltage:	11.4	12.0	12.6	VDC
Output Power:	+5.0	+7.0	+9.0	dBm
Supply Current:		35	43	mA
Harmonic Suppression (2 nd Harmonic):		-12	-8	dBc
Pushing:		1.0	2.0	MHz/V
Pulling, all Phases:		2.5	5.0	MHz pk-pk
Tuning Sensitivity:		20		MHz/V
Phase Noise @ 10kHz offset:		-105	-102	dBc/Hz
Phase Noise @ 100kHz offset:		-130	-127	dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			5	pF
Operating Temperature Range:	-40		+85	$^{\circ}\text{C}$
Storage Temperature Range:	-45		+90	$^{\circ}\text{C}$

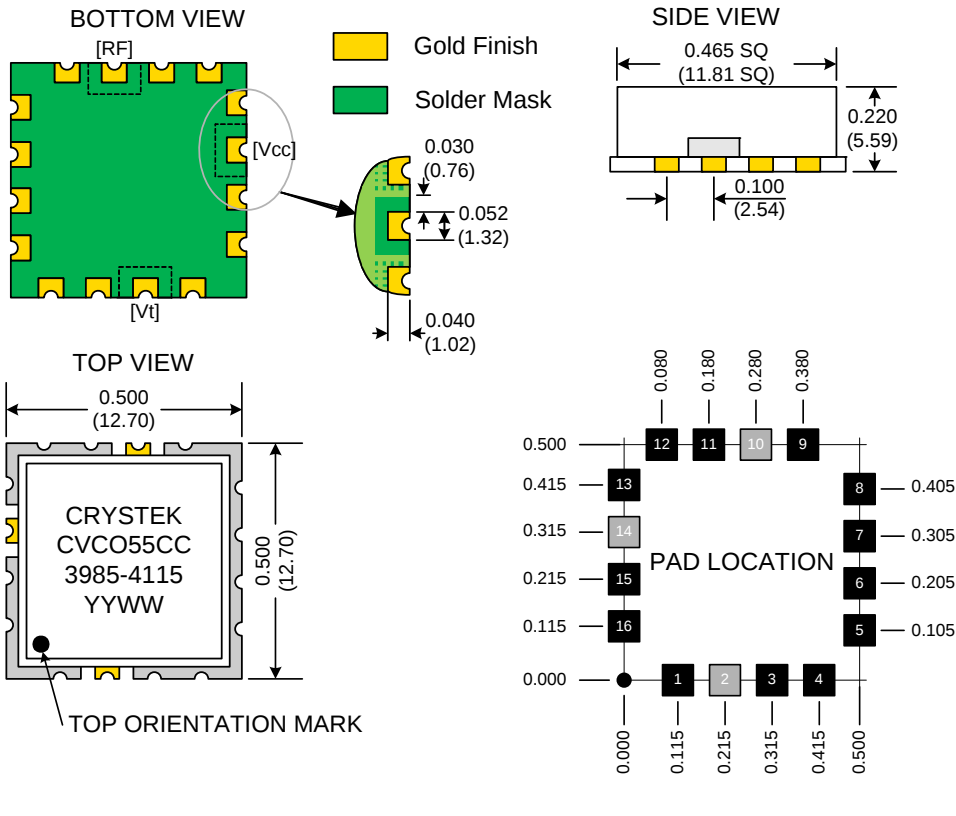
Phase Noise (1 Hz BW, Typical)

Tuning Curve (Typical)

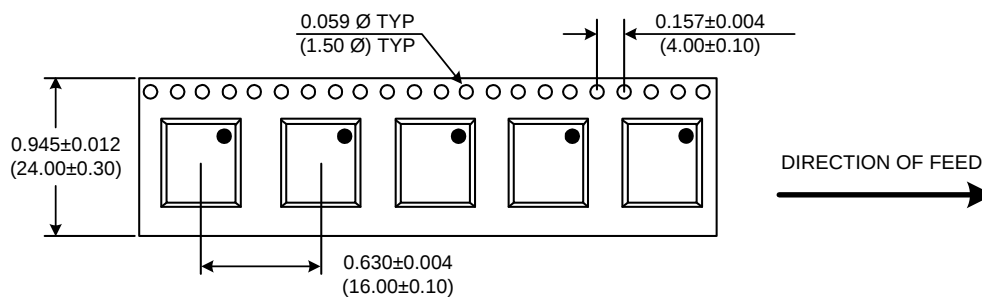


Coaxial Resonator Oscillator-CRO

CVCO55CC-3985-4115



TAPE AND REEL



Drawing not to scale

Product Control:

Crystek Part Number:	CVCO55CC-3985-4115	Release Date:	25-Feb-08
Revision Level:	B	Responsible:	C. Vales

Specification is subject to change without notice

Page 2 of 2