

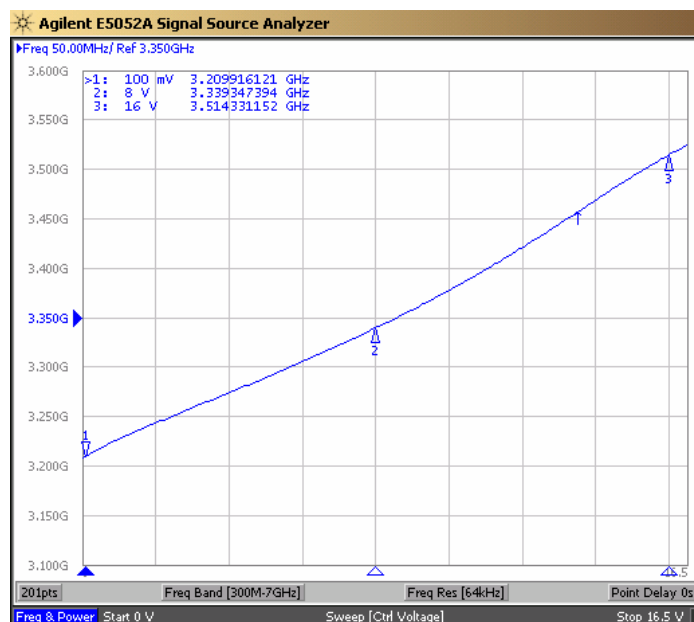
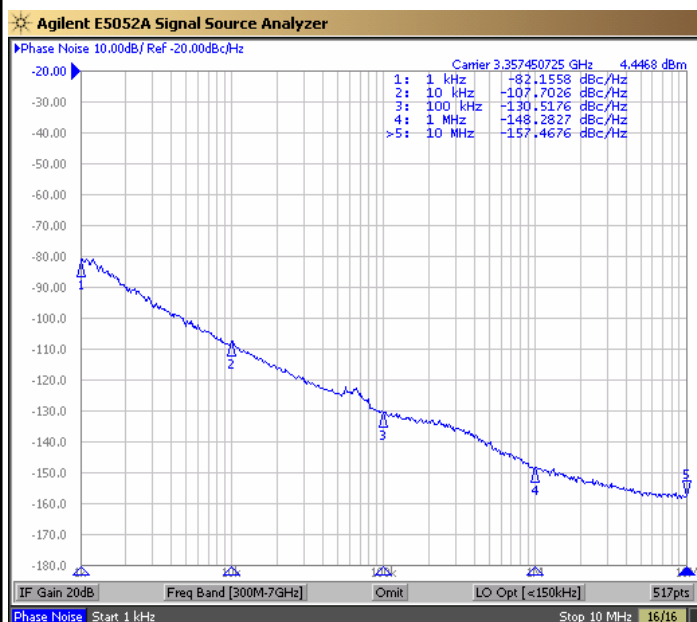
Coaxial Resonator Oscillator-CRO CVCO55CC-3271-3503



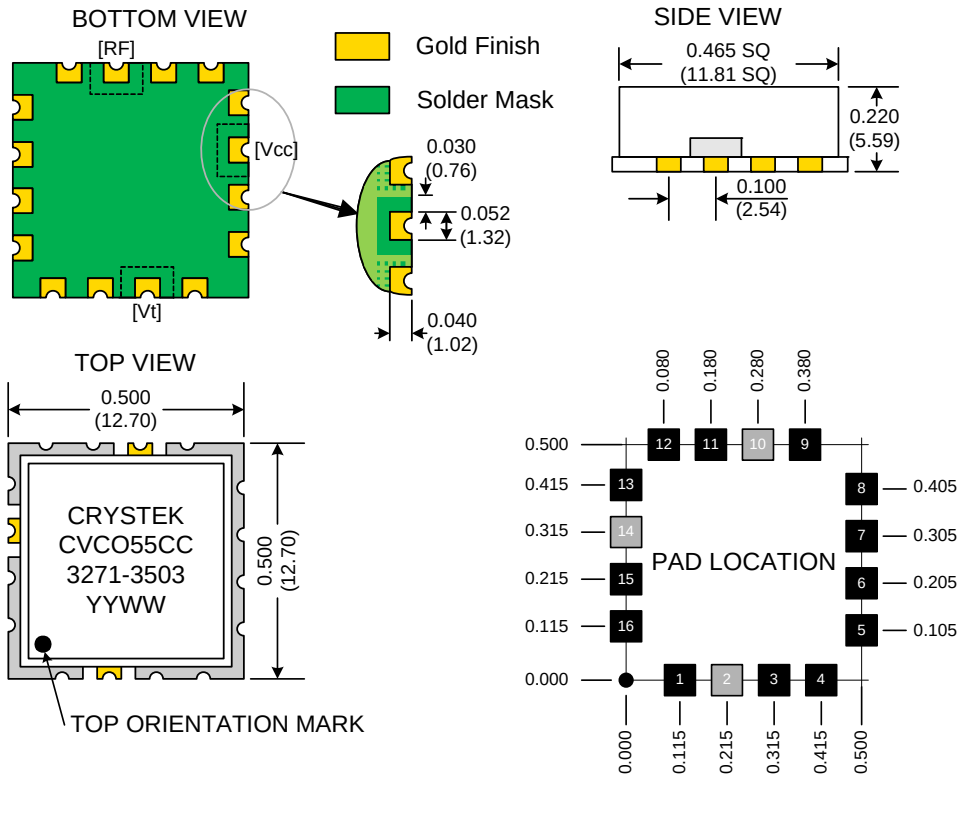
PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			3271	MHz
Upper Frequency:	3503			MHz
Tuning Voltage:	0.1		16.0	VDC
Supply Voltage:	7.6	8.0	8.4	VDC
Output Power:	+3.0	+5.0	+7.0	dBm
Supply Current:		30	40	mA
Harmonic Suppression (2 nd Harmonic):		-15	-10	dBc
Pushing:		1.0	2.0	MHz/V
Pulling, all Phases:		2.5	5.0	MHz pk-pk
Tuning Sensitivity:		17		MHz/V
Phase Noise @ 10kHz offset:		-108	-104	dBc/Hz
Phase Noise @ 100kHz offset:		-131	-127	dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			10	pF
Operating Temperature Range:	-40		+85	$^{\circ}\text{C}$
Storage Temperature Range:	-45		+90	$^{\circ}\text{C}$

Phase Noise (1 Hz BW, Typical)

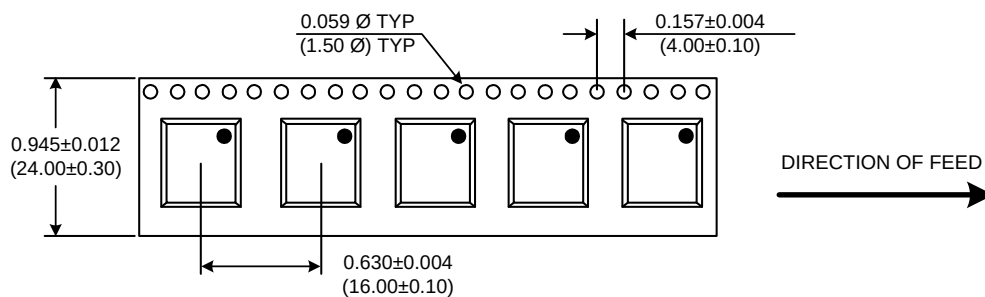
Tuning Curve (Typical)



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TAPE AND REEL



Drawing not to scale

Product Control:

Crystek Part Number:	CVCO55CC-3271-3503	Release Date:	19-Feb-08
Revision Level:	B	Responsible:	C. Vales

Specification is subject to change without notice

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