

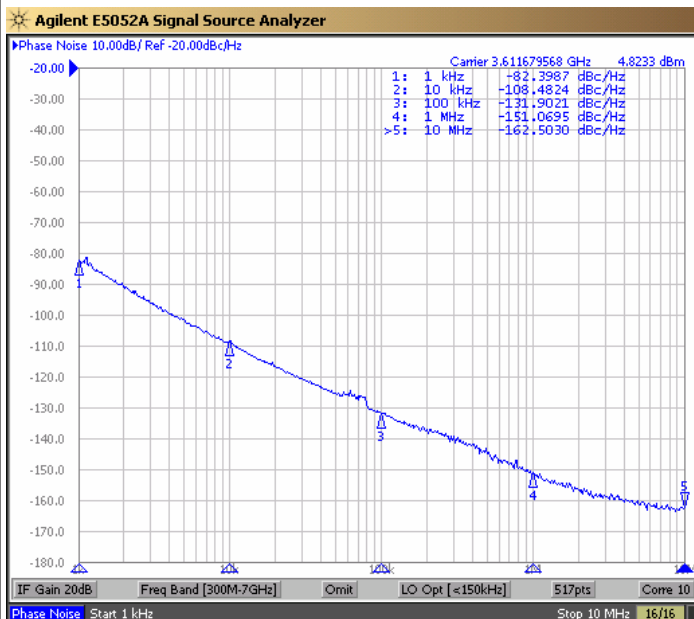
CRYSTEK
MICROWAVE
A DIVISION OF CRYSTEK CORPORATION

Coaxial Resonator Oscillator-CRO CVCO55CC-3612-3668

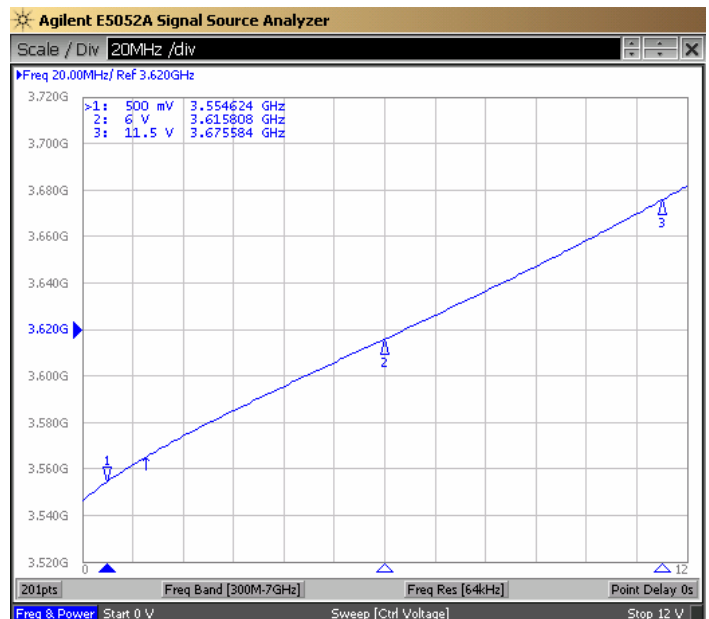


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			3612	MHz
Upper Frequency:	3668			MHz
Tuning Voltage:	0.5		11.5	VDC
Supply Voltage:	7.6	8.0	8.4	VDC
Output Power:	+2.0	+4.0	+6.0	dBm
Supply Current:		29	35	mA
Harmonic Suppression (2 nd Harmonic):		-15	-10	dBc
Pushing:		1.0	2.0	MHz/V
Pulling, all Phases:		2.5	5.0	MHz pk-pk
Tuning Sensitivity:		15		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)

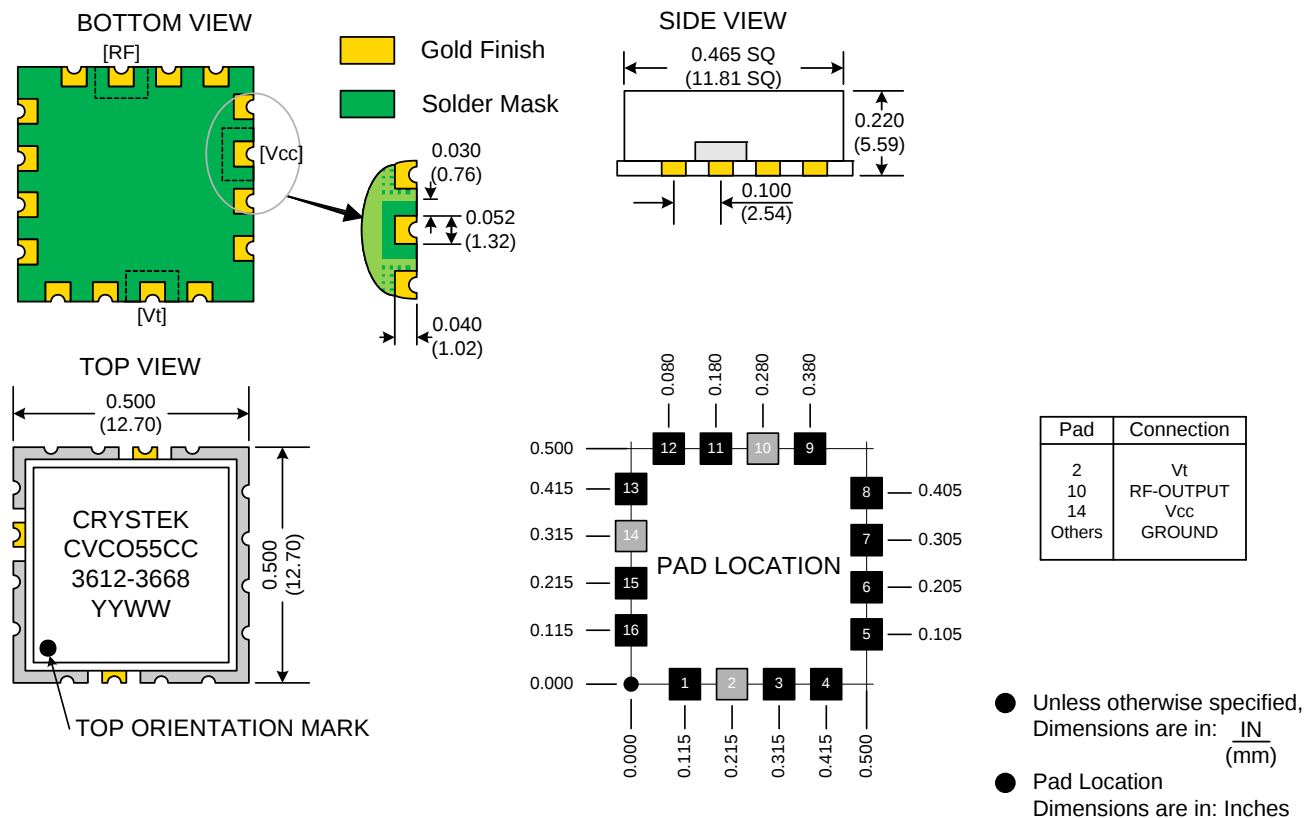


Tuning Curve (Typical)

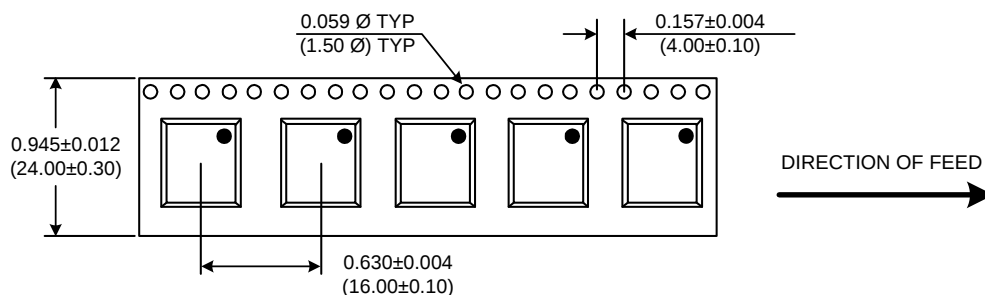


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TAPE AND REEL



Drawing not to scale

Product Control:

Crystek Part Number:	CVCO55CC-3612-3668	Release Date:	19-Feb-08
Revision Level:	B	Responsible:	C. Vales

Specification is subject to change without notice

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Mouser Electronics

Authorized Distributor

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