

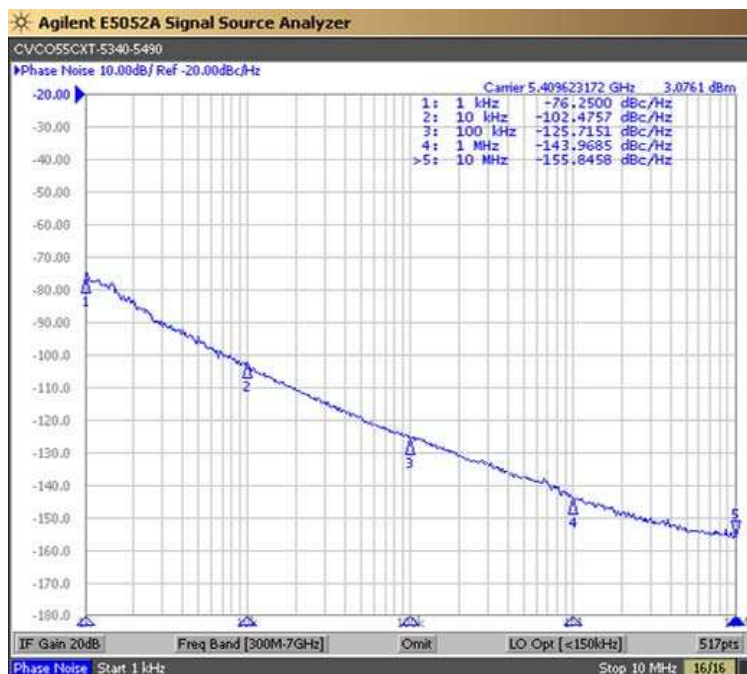


Coaxial Resonator Oscillator-CRO Frequency Doubling, 2×Fundamental CVCO55CXT-5340-5490

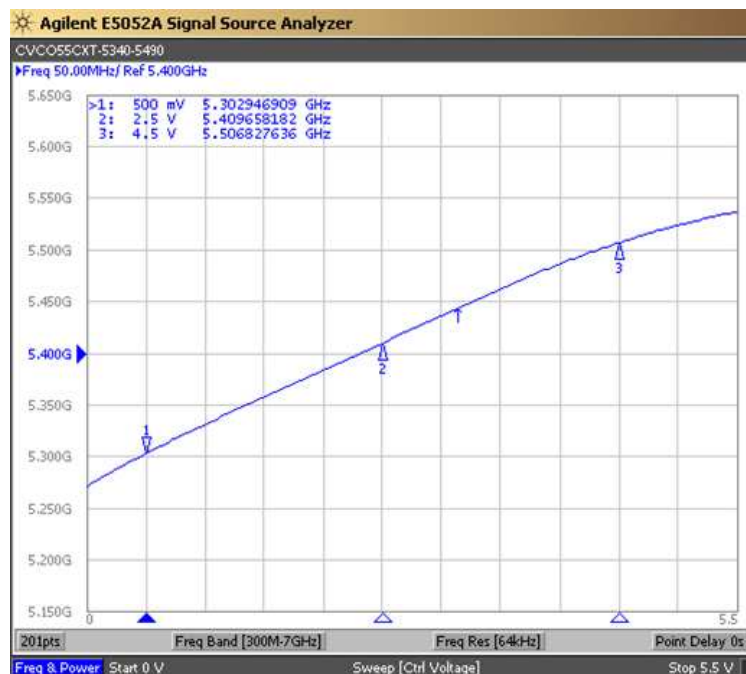


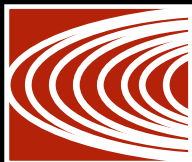
PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			5340	MHz
Upper Frequency:	5490			MHz
Tuning Voltage:	0.5		4.5	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	+0.5	+3.0	+5.5	dBm
Supply Current:		15	25	mA
Harmonic, F×(0.5):		-30	-20	dBc
Harmonic, F×(1.5):		-35	-25	dBc
Harmonic, F×(2.0):		-30	-20	dBc
Pushing:		1.5	3.0	MHz/V
Pulling, all Phases:		0.5	1.0	MHz pk-pk
Tuning Sensitivity:		52		MHz/V
Phase Noise @ 10kHz offset:		-102	-99	dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			10	pF
Operating Temperature Range:	-40		+85	°C
Storage Temperature Range:	-45		+90	°C

Phase Noise (1 Hz BW, Typical)



Tuning Curve (Typical)





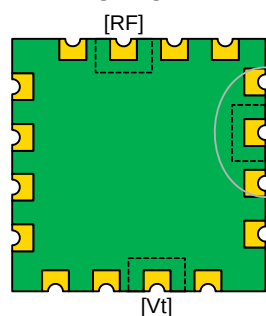
CRYSTEK
MICROWAVE
A DIVISION OF CRYSTEK CORPORATION

Coaxial Resonator Oscillator-CRO

Frequency Doubling, 2×Fundamental

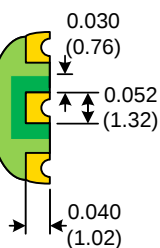
CVCO55CXT-5340-5490

BOTTOM VIEW

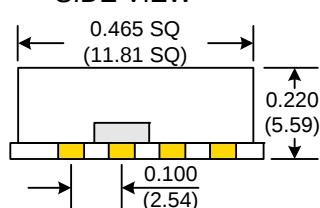


Gold Finish

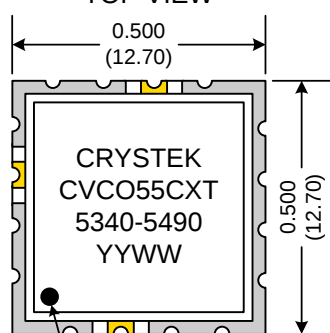
Solder Mask



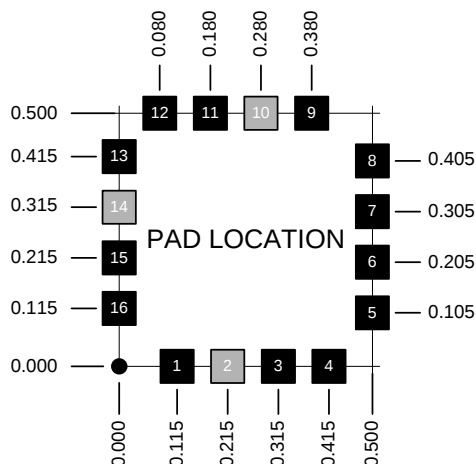
SIDE VIEW



TOP VIEW



TOP ORIENTATION MARK

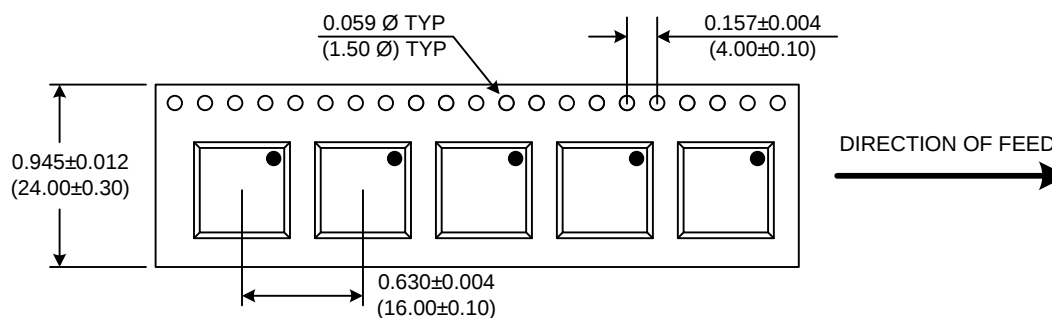


Pad	Connection
2	Vt
10	RF-OUTPUT
14	Vcc
Others	GROUND

● Unless otherwise specified,
Dimensions are in: $\frac{IN}{(mm)}$

● Pad Location
Dimensions are in: Inches

TAPE AND REEL



Drawing not to scale

Product Control:

Crystek Part Number:	CVCO55CXT-5340-5490	Release Date:	19-Apr-12
Revision Level:	B	Responsible:	C. Vales

Specification is subject to change without notice

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CRYSTEK
CORPORATION

12730 COMMONWEALTH DRIVE • FORT MYERS, FLORIDA 33913
PHONE: 239-561-3311 • 800-237-3061
FAX: 239-561-1025 • WWW.CRYSTEK.COM