

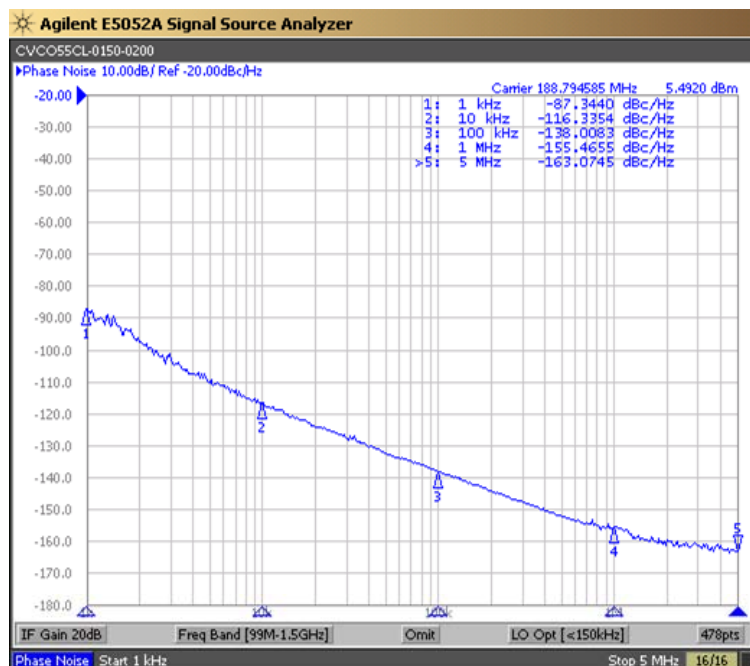


THE DATASHEET OF CVCO55CL-0150-0200

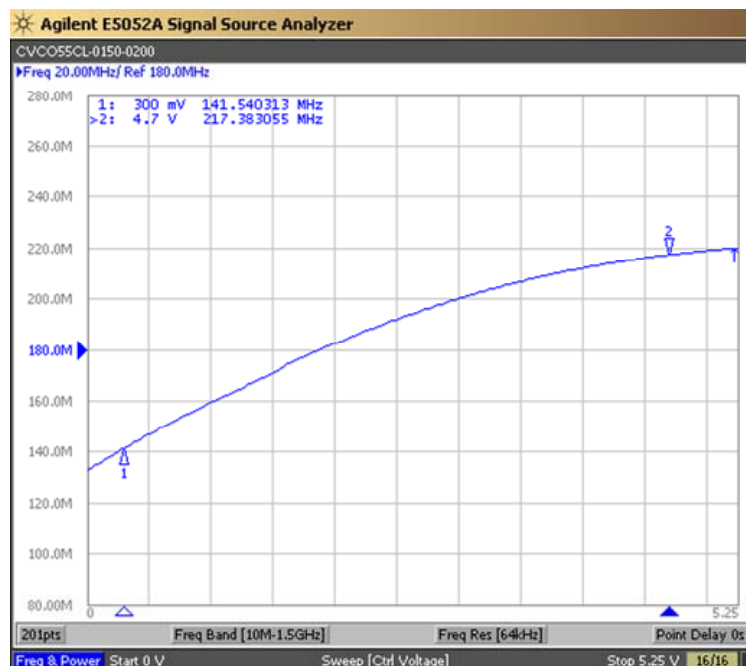


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			150	MHz
Upper Frequency:	200			MHz
Tuning Voltage:	0.3		4.7	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	0	+4.0	+8.0	dBm
Supply Current:			35	mA
Harmonic Suppression (2 nd Harmonic):		-10		dBc
Pushing:			1.0	MHz/V
Pulling, all Phases:			1.0	MHz pk-pk
Tuning Sensitivity:		16		MHz/V
Phase Noise @ 10kHz offset:		-112		dBc/Hz
Phase Noise @ 100kHz offset:		-132		dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			220	pF
Operating Temperature Range:	-40		+85	$^{\circ}\text{C}$
Storage Temperature Range:	-45		+90	$^{\circ}\text{C}$

Phase Noise (1 Hz BW, Typical)



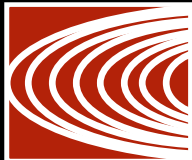
Tuning Curve (Typical)



Product Control:

Crystek Part Number:	CVCO55CL-0150-0200	Release Date:	24-Feb-2022
Revision Level:	K	Responsible:	C. Vales

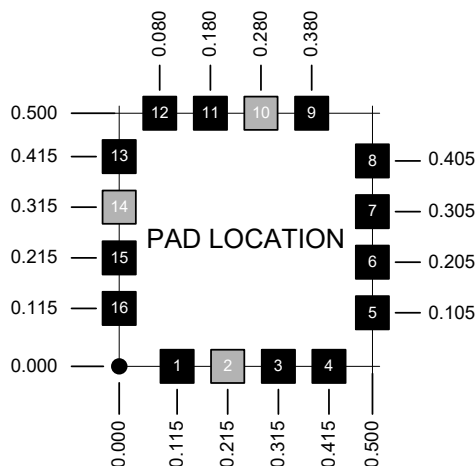
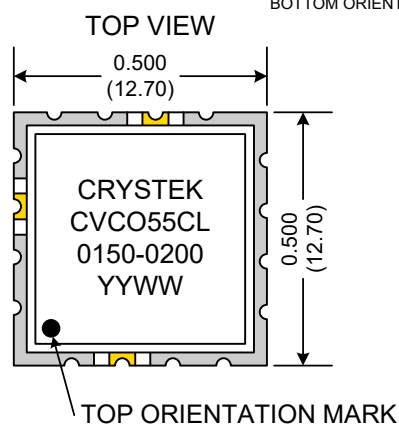
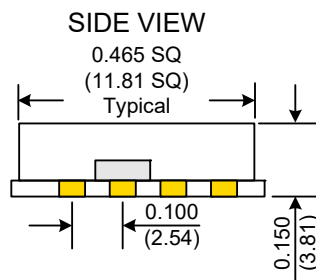
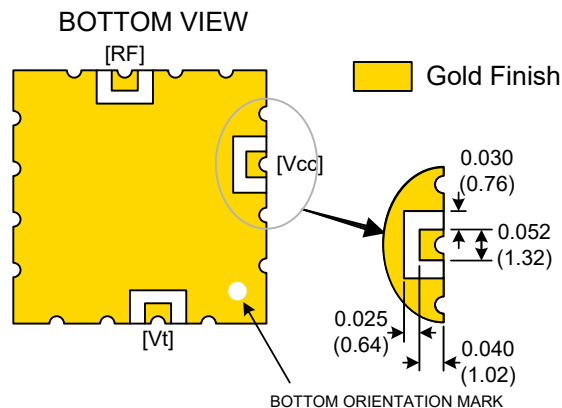




CRYSTEK
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Voltage Controlled Oscillator-VCO

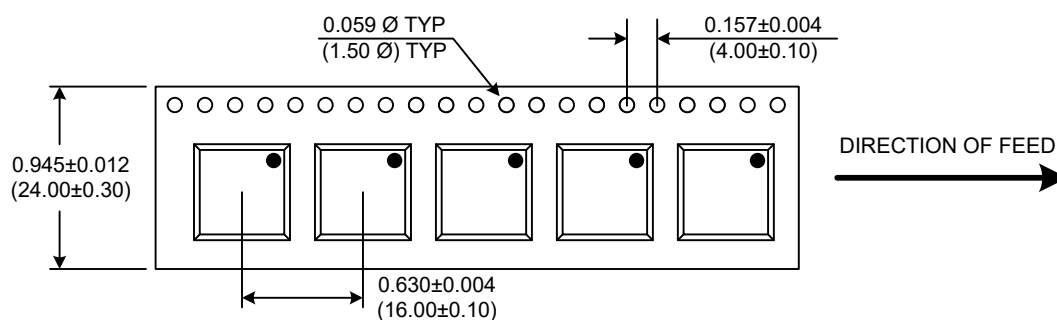
CVCO55CL-0150-0200



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:

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