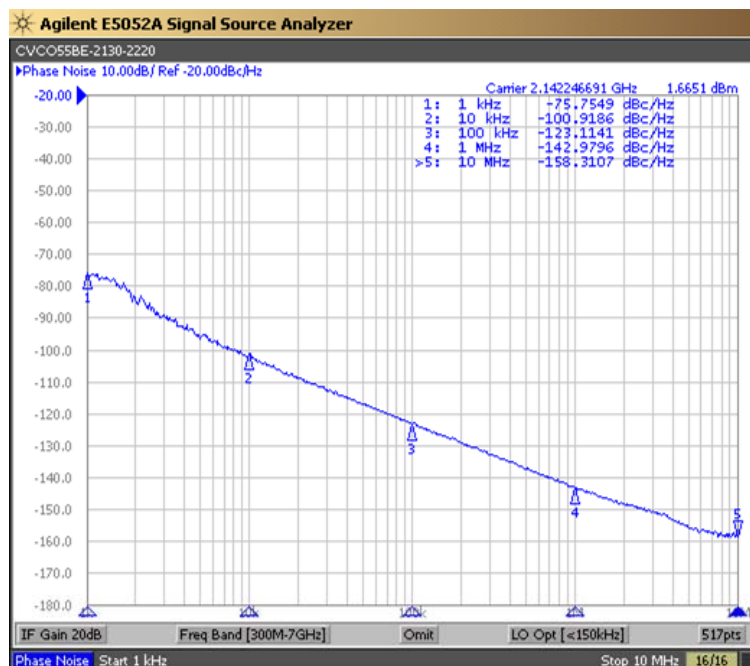
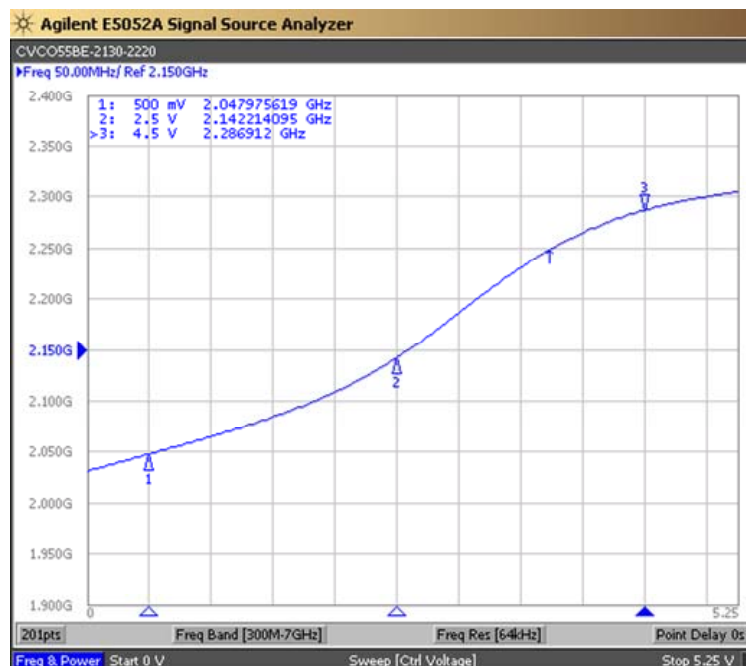


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			2130	MHz
Upper Frequency:	2220			MHz
Tuning Voltage:	0.5		4.5	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	-1.0	+1.0	+3.0	dBm
Supply Current:		15	25	mA
Harmonic Suppression (2 nd Harmonic):		-10	-8	dBc
Pushing:		3.0	5.0	MHz/V
Pulling, all Phases:			7.0	MHz pk-pk
Tuning Sensitivity:		35		MHz/V
Phase Noise @ 10kHz offset:		-101	-98	dBc/Hz
Phase Noise @ 100kHz offset:			-122	dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			20	pF
Operating Temperature Range:	-40		+85	$^{\circ}\text{C}$
Storage Temperature Range:	-45		+90	$^{\circ}\text{C}$

Phase Noise (1 Hz BW, Typical)



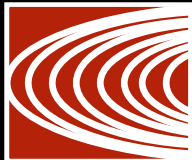
Tuning Curve (Typical)



Product Control:

Crystek Part Number:	CVCO55BE-2130-2220	Release Date:	23-Jan-2018
Revision Level:	F	Responsible:	C. Vales

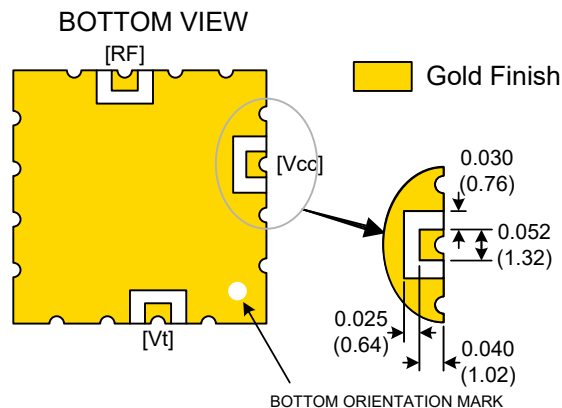




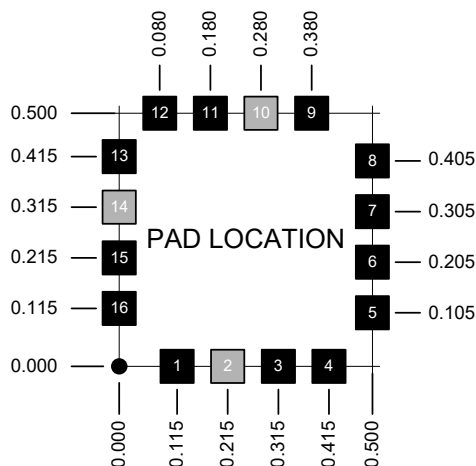
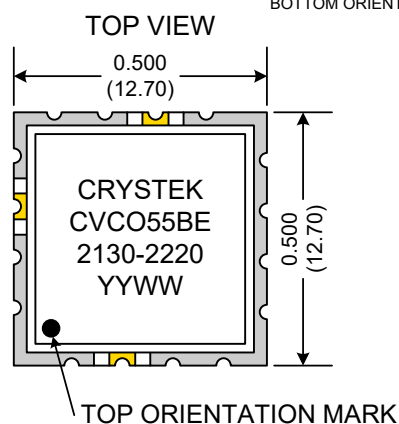
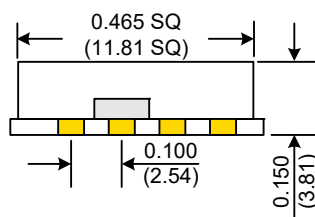
CRYSTEK
MICROWAVE
A DIVISION OF CRYSTEK CORPORATION

Voltage Controlled Oscillator-VCO

CVCO55BE-2130-2220



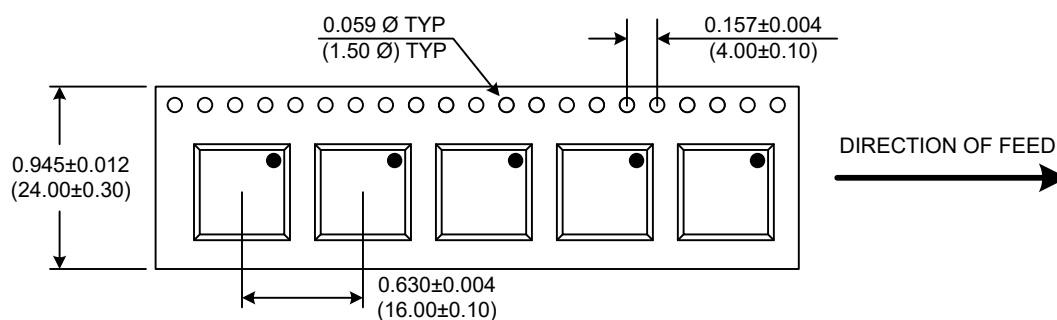
SIDE VIEW



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:	CVCO55BE-2130-2220	Release Date:	23-Jan-2018
Revision Level:	F	Responsible:	C. Vales

Specification is subject to change without notice

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