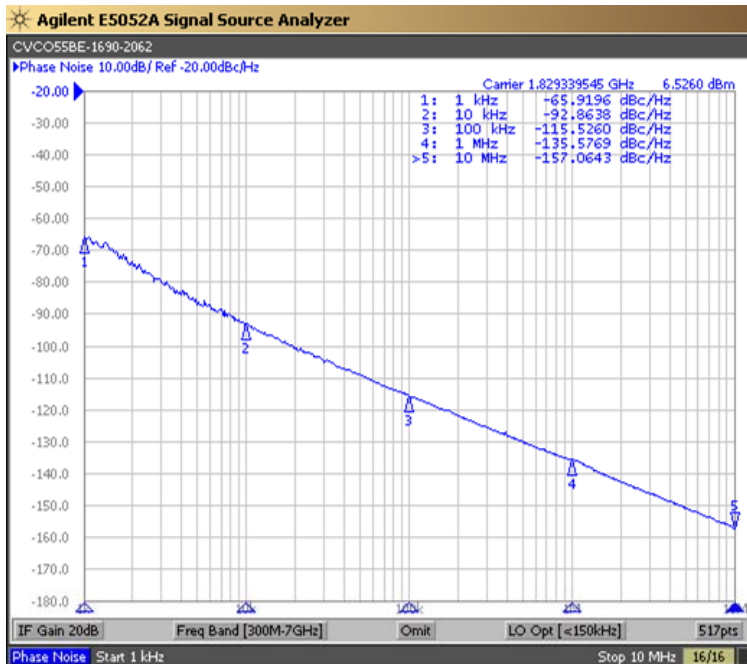


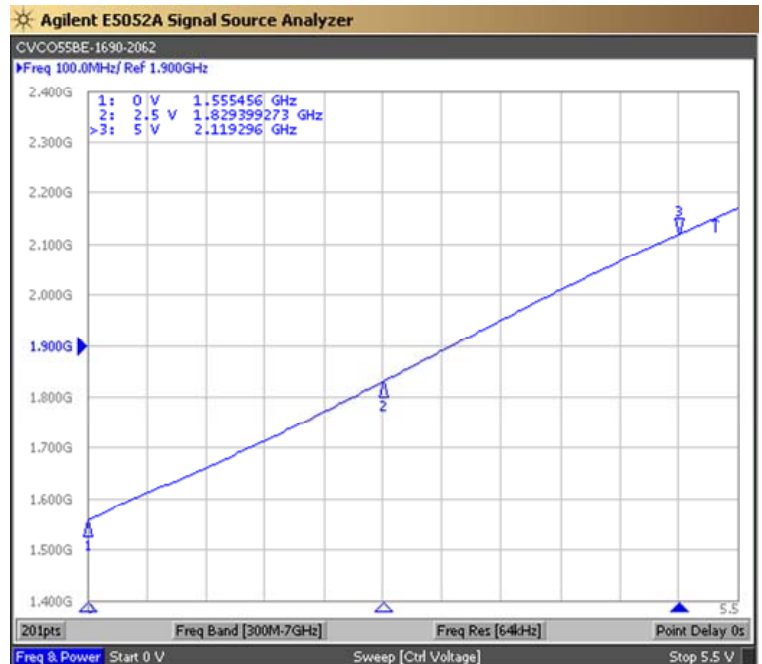


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			1690	MHz
Upper Frequency:	2062			MHz
Tuning Voltage:	0.3		4.7	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	+1.5	+4.5	+7.5	dBm
Supply Current:			20	mA
Harmonic Suppression (2 <sup>nd</sup> Harmonic):		-15		dBc
Pushing:			8.0	MHz/V
Pulling, all Phases:		8.0	13.0	MHz pk-pk
Tuning Sensitivity:		145		MHz/V
Phase Noise @ 10kHz offset:		-94		dBc/Hz
Phase Noise @ 100kHz offset:		-115		dBc/Hz
Load Impedance:		50		$\Omega$
Input Capacitance:			15	pF
Operating Temperature Range:	-40		+85	$^{\circ}\text{C}$
Storage Temperature Range:	-45		+90	$^{\circ}\text{C}$

Phase Noise (1 Hz BW, Typical)



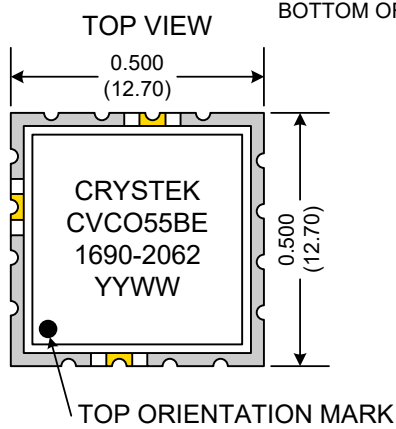
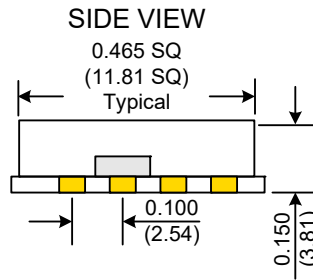
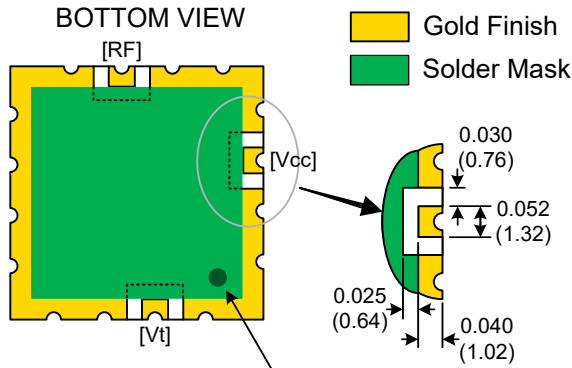
Tuning Curve (Typical)



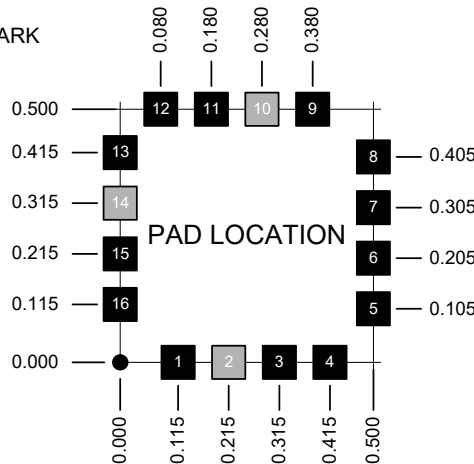
**Product Control:**

Crystek Part Number:	CVCO55BE-1690-2062	Release Date:	04-Nov-2020
Revision Level:	H	Responsible:	C. Vales





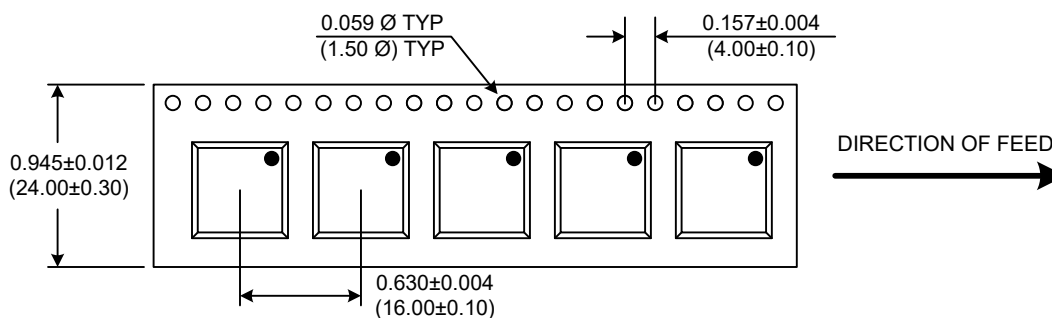
**BOTTOM ORIENTATION MARK**



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:	CVCO55BE-1690-2062	Release Date:	04-Nov-2020
Revision Level:	H	Responsible:	C. Vales

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