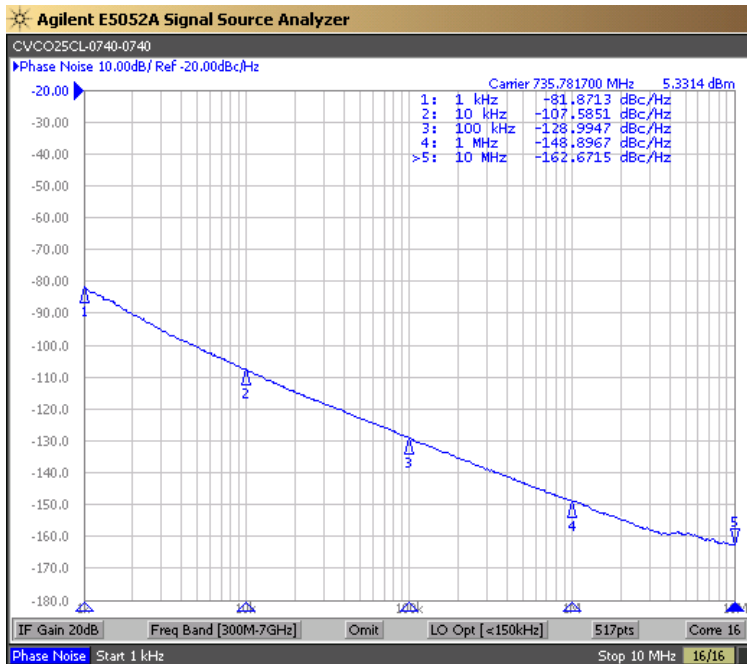


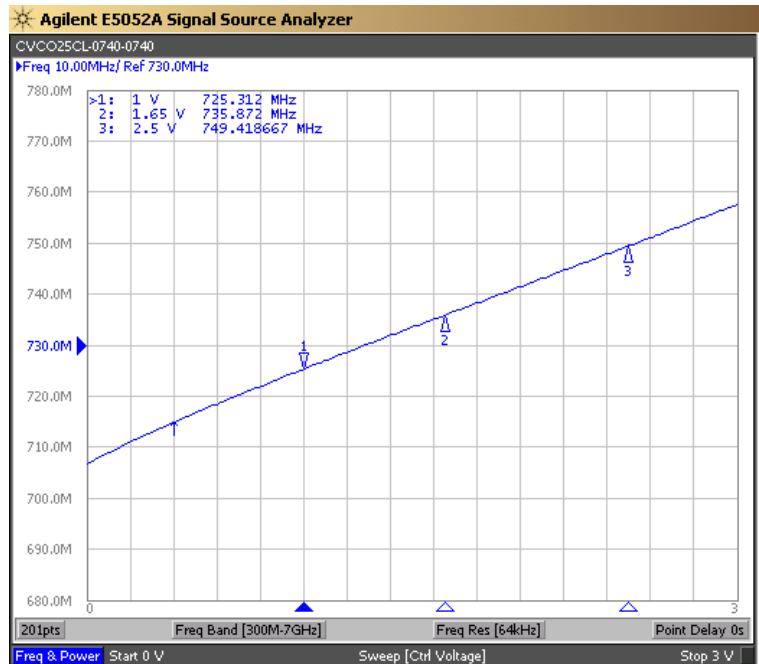


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			740	MHz
Upper Frequency:	740			MHz
Tuning Voltage:	1.0		2.5	VDC
Supply Voltage:	3.15	3.30	3.45	VDC
Output Power:	+4.0	+5.0	+6.0	dBm
Supply Current:		10	20	mA
Harmonic Suppression (2 <sup>nd</sup> Harmonic):			-10	dBc
Pushing:		1.0		MHz/V
Pulling, all Phases:		5.0		MHz pk-pk
Tuning Sensitivity:		15		MHz/V
Phase Noise @ 10kHz offset:		-106		dBc/Hz
Phase Noise @ 100kHz offset:		-126		dBc/Hz
Load Impedance:		50		$\Omega$
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)

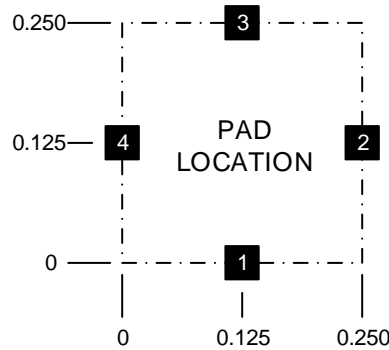
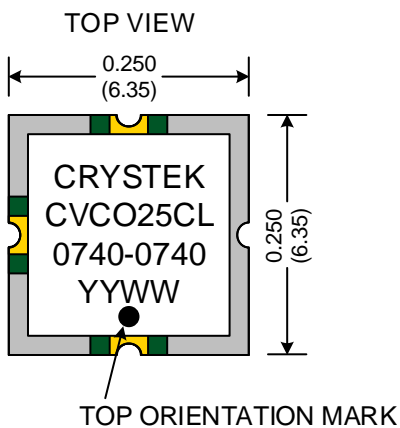
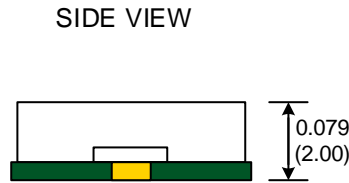
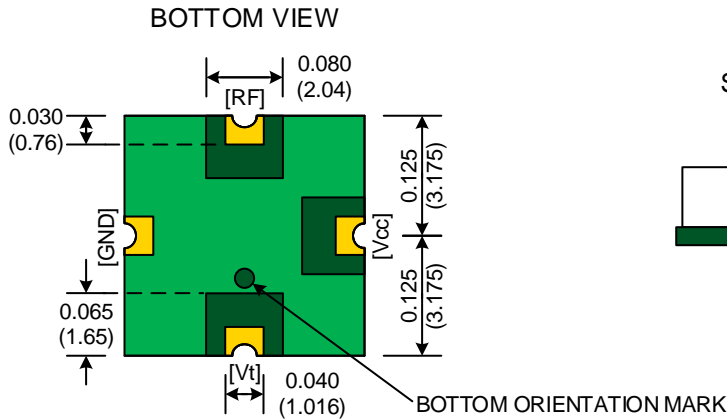


Tuning Curve (Typical)



**Product Control:**

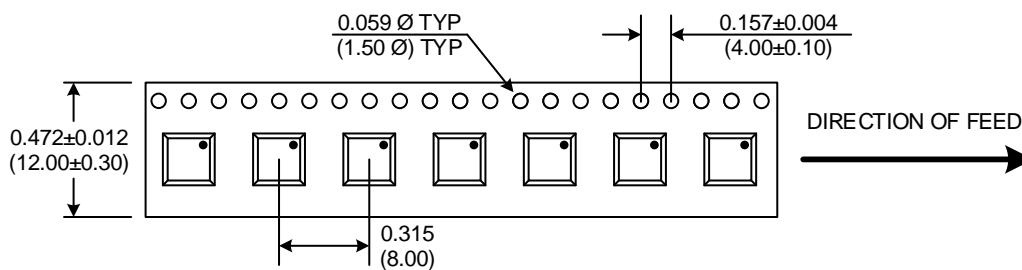
Crystek Part Number:	CVCO25CL-0740-0740	Release Date:	27-Jan-2021
Revision Level:	A	Responsible:	C. Vales



Pad	Connection
1	Vt
2	GROUND
3	RF-OUTPUT
4	Vcc

- Unless otherwise specified, Dimensions are in: IN (mm)
- Pad Location Dimensions are in: Inches

**TAPE AND REEL**



Drawing not to scale

**Product Control:**

Crystek Part Number:	CVCO25CL-0740-0740	Release Date:	27-Jan-2021
Revision Level:	A	Responsible:	C. Vales

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