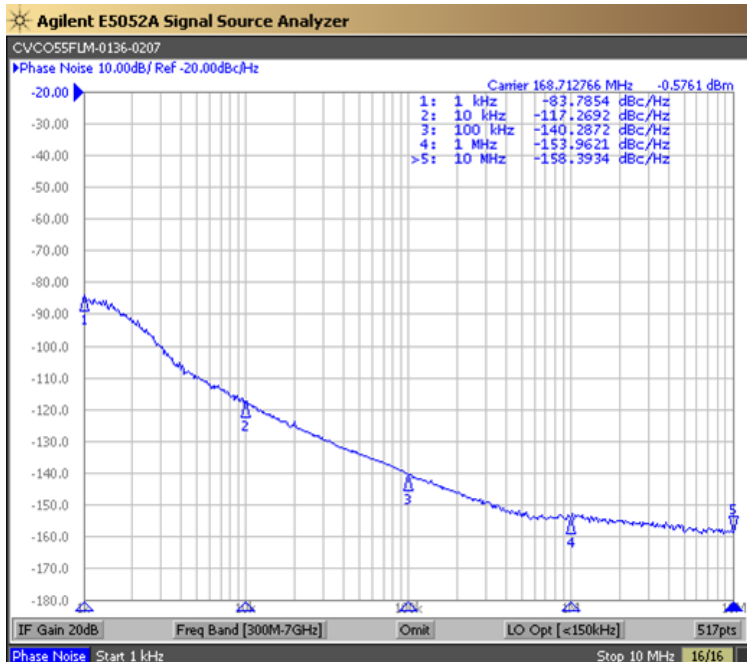


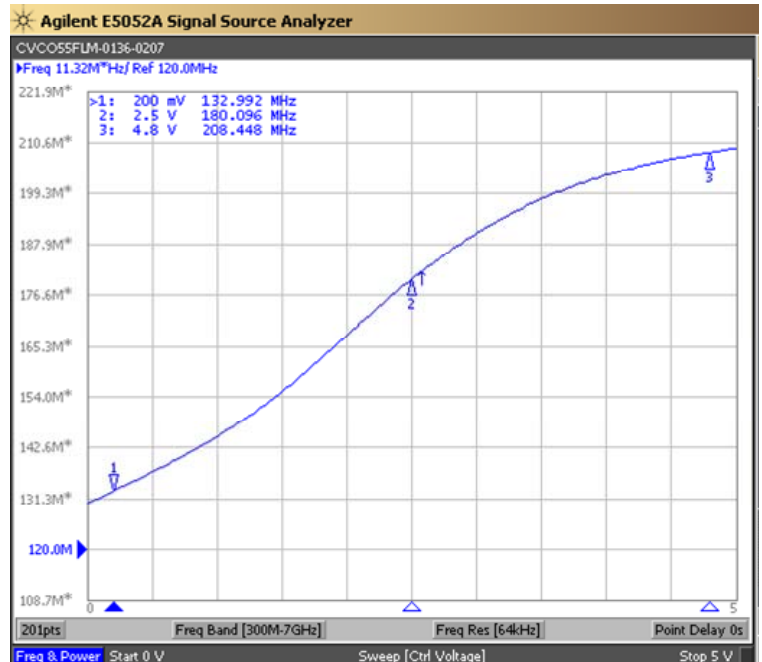


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			136	MHz
Upper Frequency:	207			MHz
Tuning Voltage:	0.2		4.8	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	-3.0	0	+3.0	dBm
Supply Current:		10		mA
Harmonic Suppression (2 <sup>nd</sup> Harmonic):		-15		dBc
Pushing:		0.5	1.0	MHz/V
Pulling, all Phases:		0.3	0.5	MHz pk-pk
Tuning Sensitivity:			25	MHz/V
Phase Noise @ 10kHz offset:		-115		dBc/Hz
Modulation Sensitivity:		-25		kHz/V
Modulation Port Input Capacitance:		330		pF
Load Impedance:		50		$\Omega$
Input Capacitance:			330	pF
Operating Temperature Range:	-30		+75	$^{\circ}\text{C}$
Storage Temperature Range:	-40		+85	$^{\circ}\text{C}$

Phase Noise (1 Hz BW, Typical)

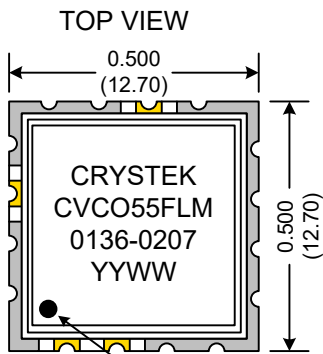
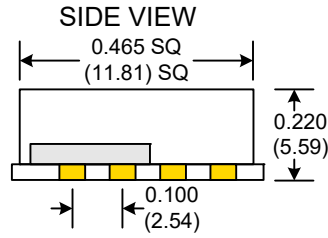
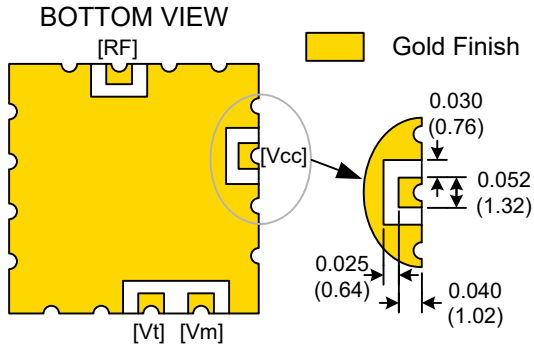


Tuning Curve (Typical)

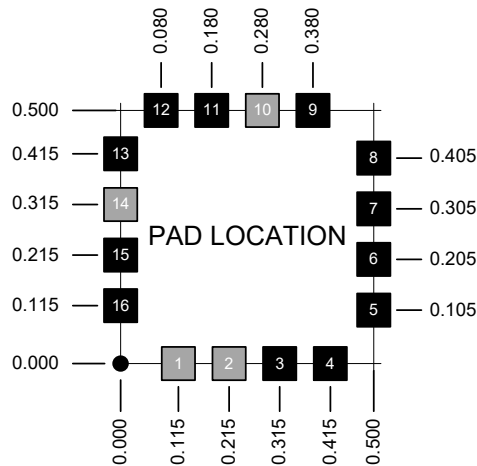


**Product Control:**

Crystek Part Number:	CVCO55FLM-0136-0207	Release Date:	21-Dec-2022
Revision Level:	E	Responsible:	C. Vales



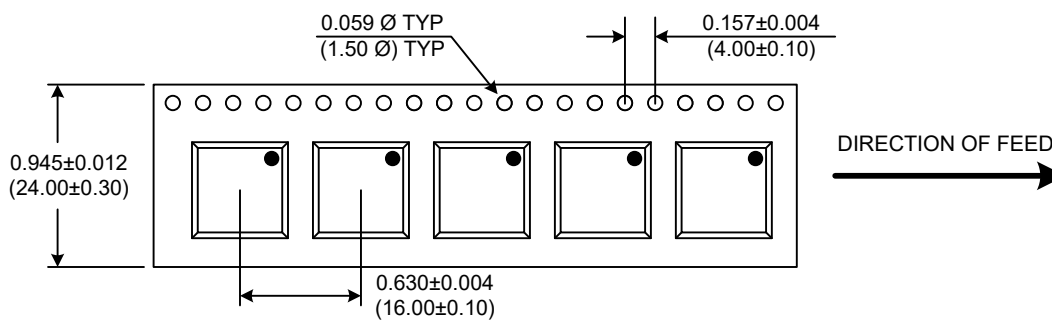
TOP ORIENTATION MARK



Pad	Connection
1	Vm
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:	CVCO55FLM-0136-0207	Release Date:	21-Dec-2022
Revision Level:	E	Responsible:	C. Vales

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