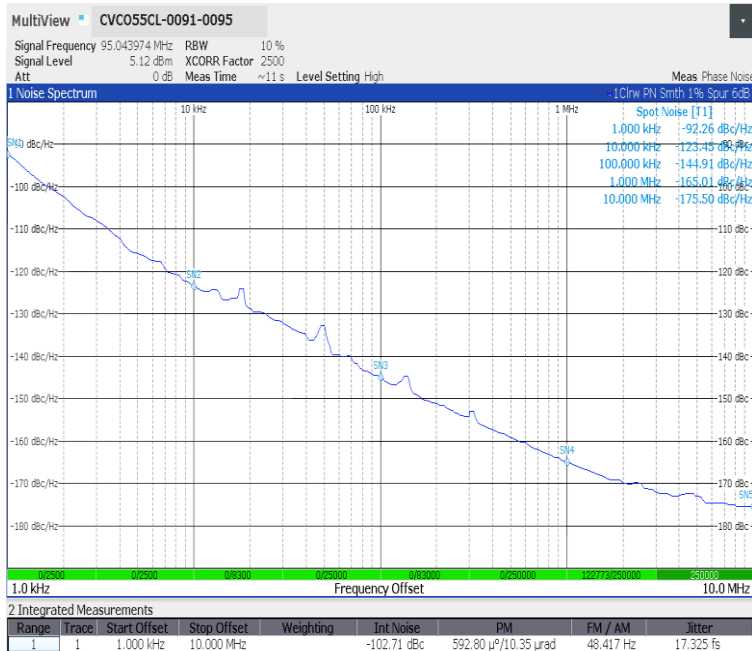


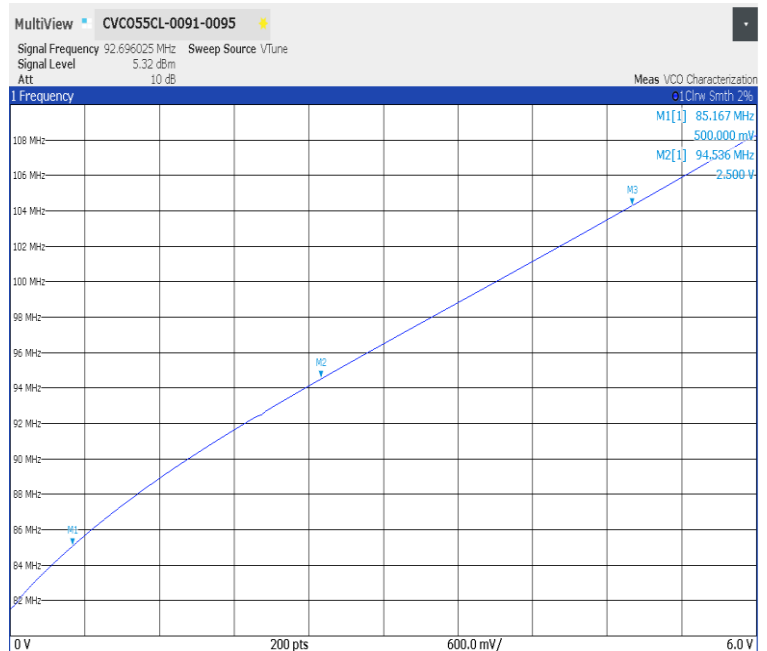


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			91	MHz
Upper Frequency:	95			MHz
Tuning Voltage:	0.5		5.0	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:		+5.0		dBm
Supply Current:		15	25	mA
Harmonic Suppression (2 nd Harmonic):		-19	-11	dBc
Pushing:		0.2	0.4	MHz/V
Pulling, all Phases:		0.2	0.4	MHz pk-pk
Tuning Sensitivity:		4		MHz/V
Phase Noise @ 1kHz offset:		-94		dBc/Hz
Phase Noise @ 10kHz offset:		-120		dBc/Hz
Phase Noise @ 100kHz offset:		-141		dBc/Hz
Phase Noise @ 1MHz offset:		-162		dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			150	pF
Operating Temperature Range:	-40		+85	$^{\circ}\text{C}$
Storage Temperature Range:	-45		+90	$^{\circ}\text{C}$

Phase Noise (1 Hz BW, Typical)

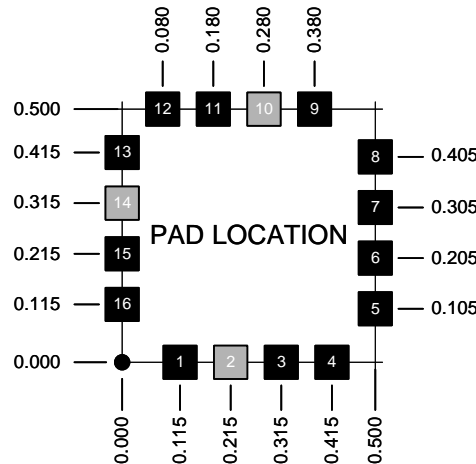
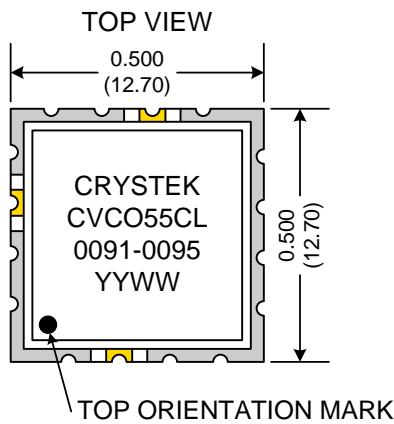
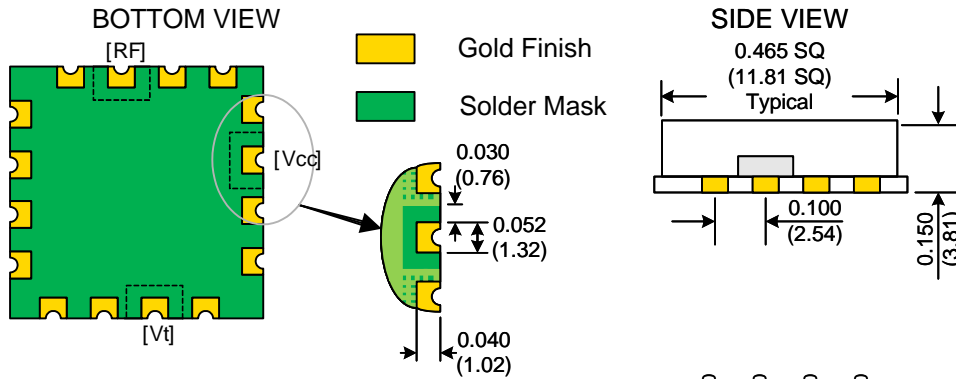


Tuning Curve (Typical)



Product Control:

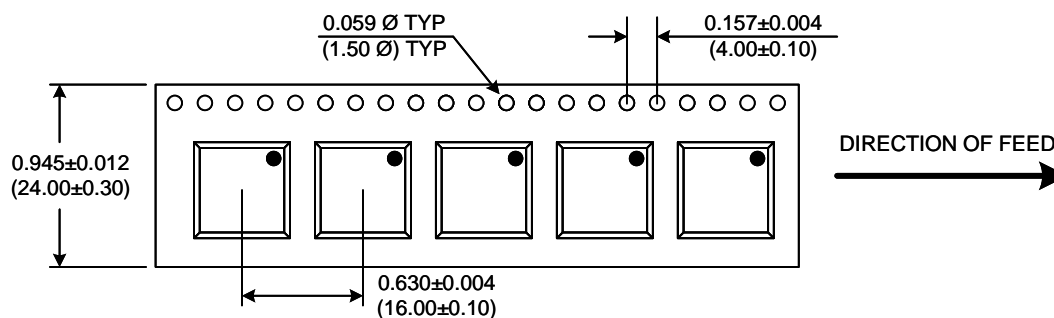
Crystek Part Number:	CVCO55CL-0091-0095	Release Date:	27-Feb-2025
Revision Level:	A	Responsible:	C. Vales



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:	CVCO55CL-0091-0095	Release Date:	27-Feb-2025
Revision Level:	A	Responsible:	C. Vales

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