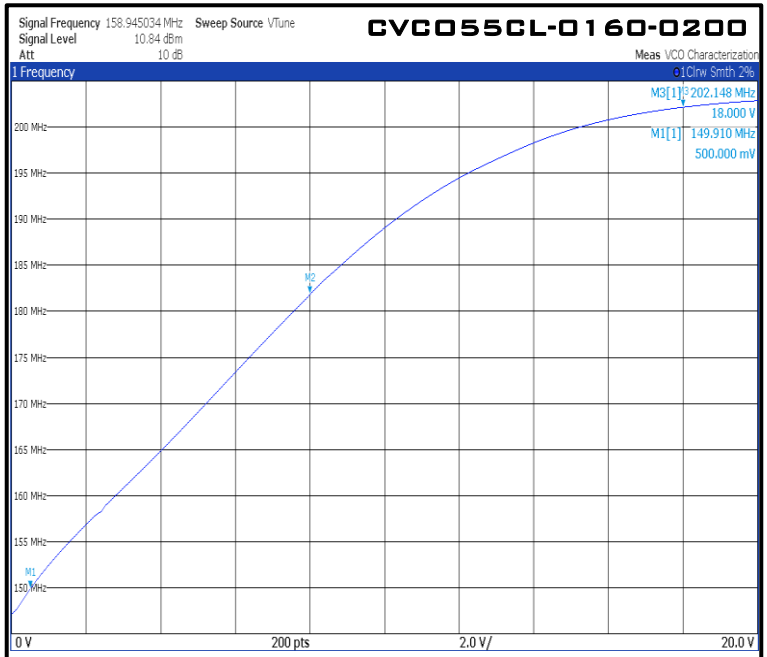
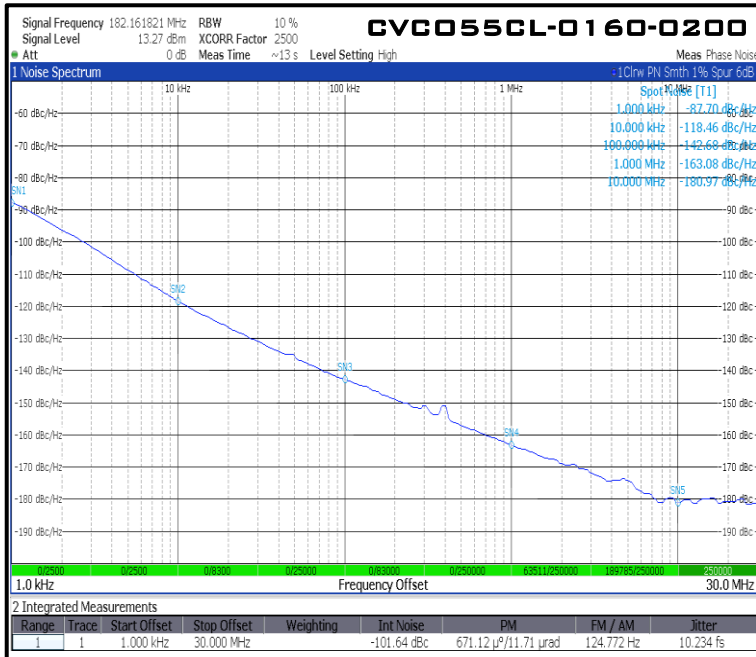


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			160	MHz
Upper Frequency:	200			MHz
Tuning Voltage:	0.5		20.0	VDC
Supply Voltage:	11.5	12.0	12.5	VDC
Output Power:		+10		dBm
Supply Current:		25	35	mA
Harmonic Suppression (2 nd Harmonic):		-15		dBc
Pushing:		2.0	4.0	MHz/V
Pulling, all Phases:		0.5	1.5	MHz pk-pk
Tuning Sensitivity:		6.0		MHz/V
Phase Noise @ 10kHz offset:		-118		dBc/Hz
Phase Noise @ 100kHz offset:		-142		dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			150	pF
Operating Temperature Range:	-40		+85	$^{\circ}\text{C}$
Storage Temperature Range:	-45		+90	$^{\circ}\text{C}$

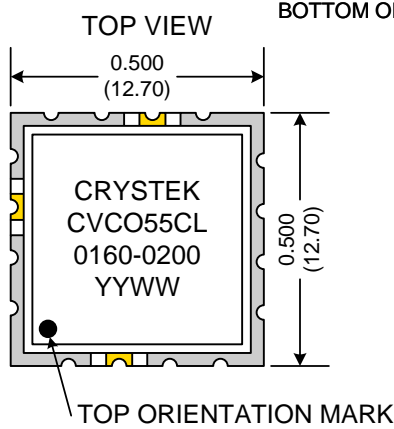
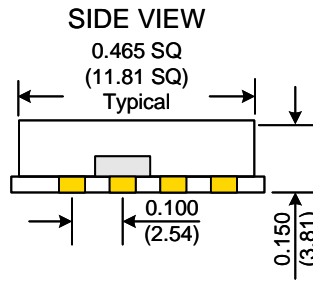
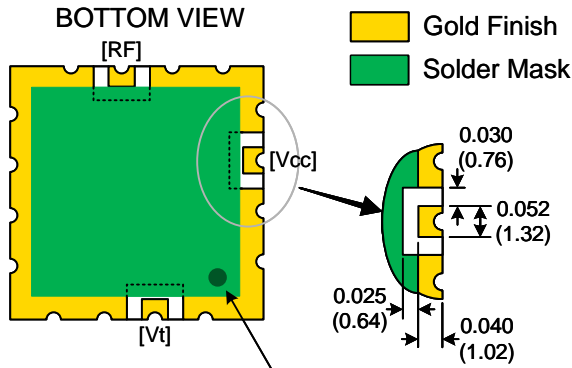
Phase Noise (1 Hz BW, Typical)

Tuning Curve (Typical)

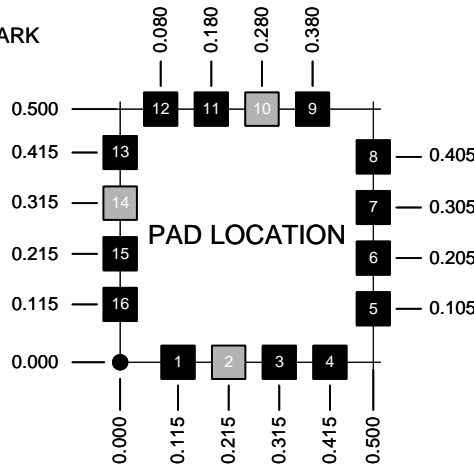


Product Control:

Crystek Part Number:	CVCO55CL-0160-0200	Release Date:	05-Feb-2025
Revision Level:	A	Responsible:	C. Vales



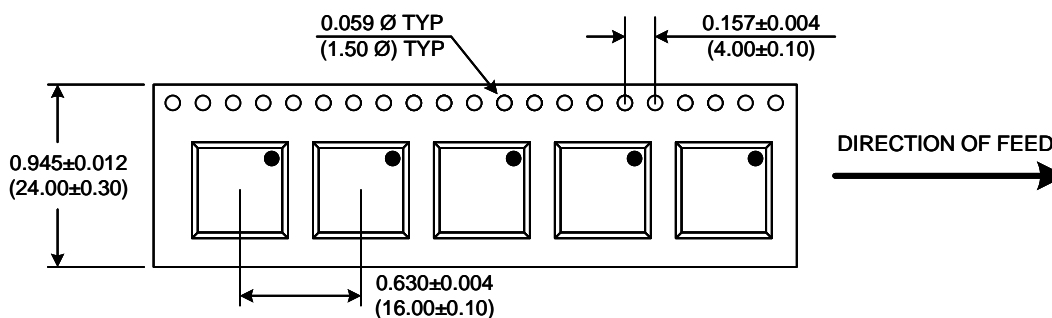
BOTTOM ORIENTATION MARK



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:	CVCO55CL-0160-0200	Release Date:	05-Feb-2025
Revision Level:	A	Responsible:	C. Vales

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