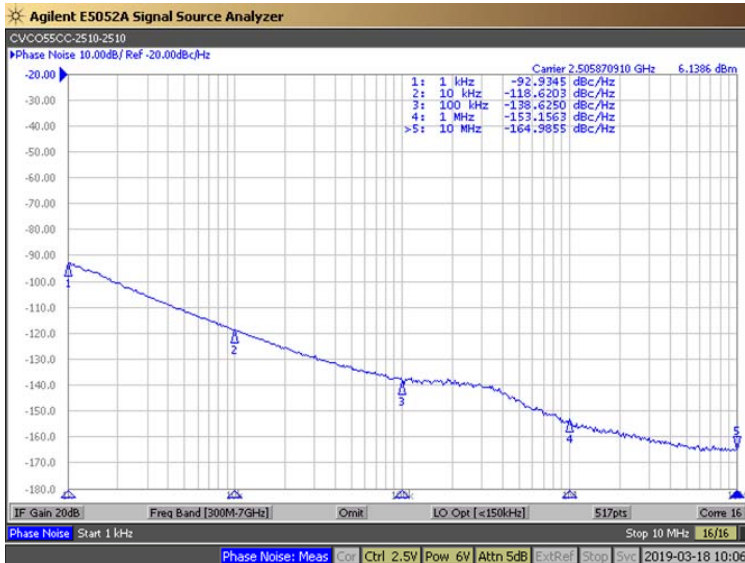


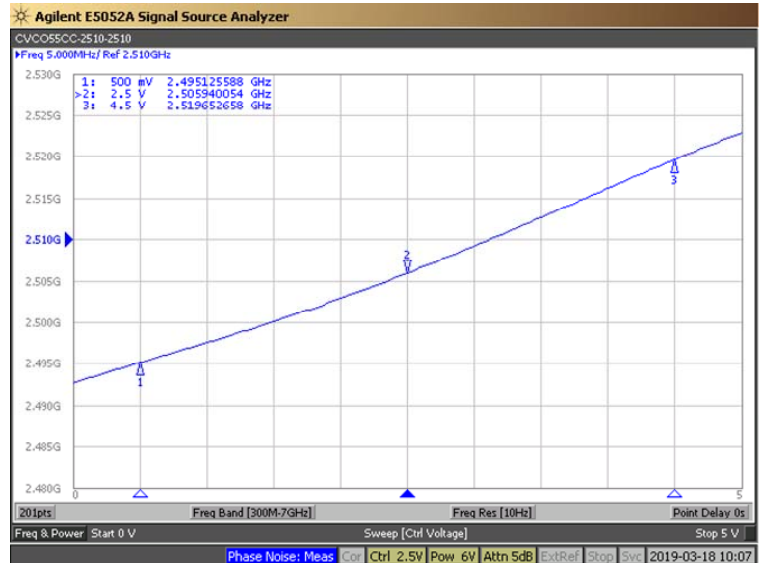


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			2510	MHz
Upper Frequency:	2510			MHz
Tuning Voltage:	0.5		4.5	VDC
Supply Voltage:	5.7	6.0	6.3	VDC
Output Power:	+5.0	+7.0	+9.0	dBm
Supply Current:		35		mA
Harmonic Suppression (2 nd Harmonic):		-15	-10	dBc
Pushing:		1.0	2.0	MHz/V
Pulling, all Phases:		1.0	2.0	MHz pk-pk
Tuning Sensitivity:		7		MHz/V
Phase Noise @ 10kHz offset:		-120	-115	dBc/Hz
Phase Noise @ 100kHz offset:		-140	-135	dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			15	pF
Operating Temperature Range:	-40		+85	$^{\circ}$ C
Storage Temperature Range:	-45		+90	$^{\circ}$ C

Phase Noise (1 Hz BW, Typical)



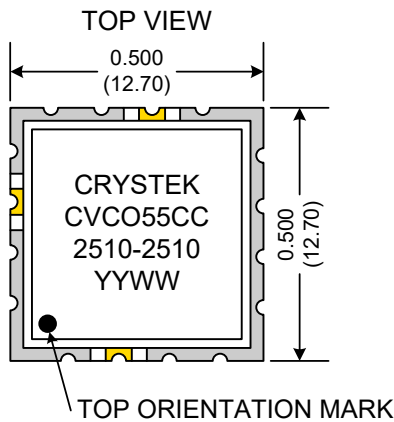
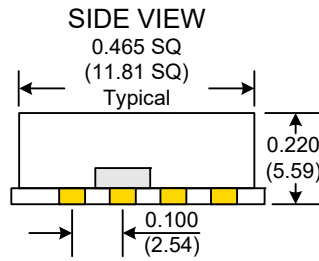
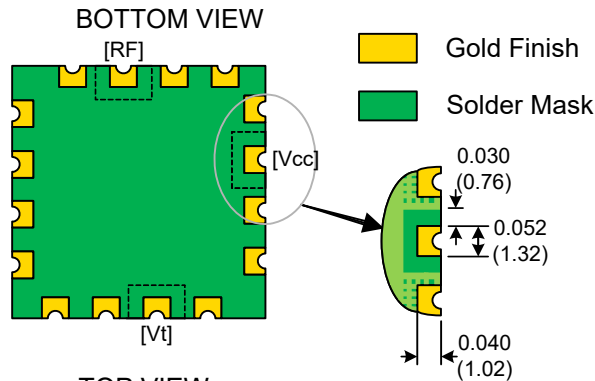
Tuning Curve (Typical)



Product Control:

Crystek Part Number:	CVCO55CC-2510-2510	Release Date:	19-Mar-2019
Revision Level:	A	Responsible:	C. Vales

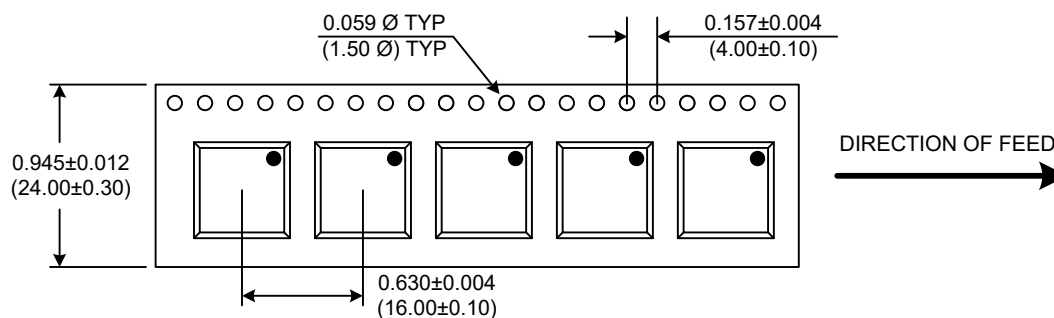




Pad	Connection
2	Vt
10	RF-OUTPUT
14	Vcc
Others	GROUND

- 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:	CVCO55CC-2510-2510	Release Date:	19-Mar-2019
Revision Level:	A	Responsible:	C. Vales

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