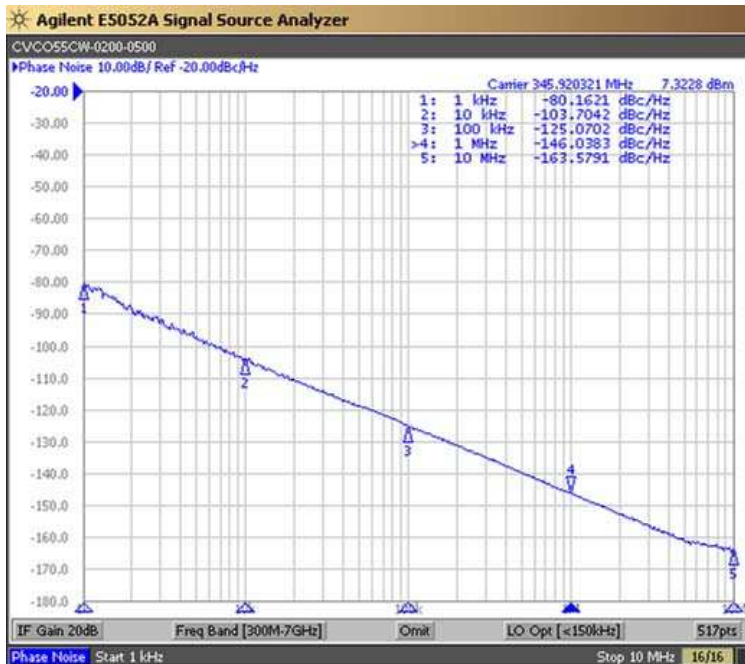


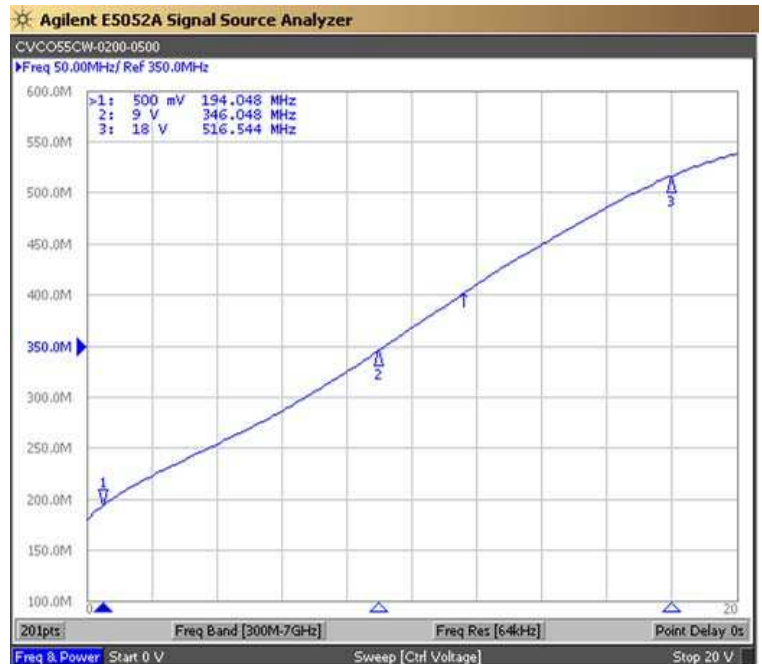


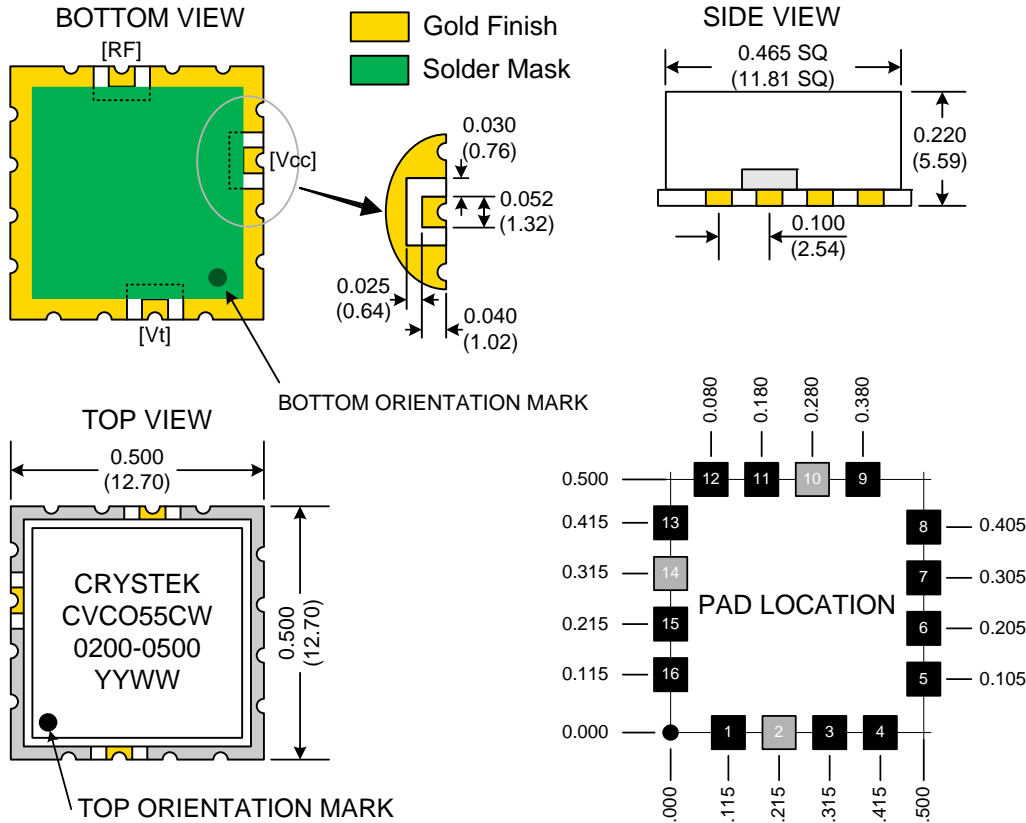
PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			200	MHz
Upper Frequency:	500			MHz
Tuning Voltage:	0.5		18.0	VDC
Supply Voltage:	11.4	12.0	12.6	VDC
Output Power:	+2.0	+6.0	+10.0	dBm
Supply Current:		15	25	mA
Harmonic Suppression (2 <sup>nd</sup> Harmonic):		-10	-5	dBc
Pushing:		0.5	1.0	MHz/V
Pulling, all Phases:		1.5	3.0	MHz pk-pk
Tuning Sensitivity:		20		MHz/V
Phase Noise @ 10kHz offset:		-103	-97	dBc/Hz
Phase Noise @ 100kHz offset:		-123	-121	dBc/Hz
Load Impedance:		50		$\Omega$
Input Capacitance:			330	pF
Operating Temperature Range:	-20		+70	$^{\circ}$ C
Storage Temperature Range:	-45		+90	$^{\circ}$ C

Phase Noise (1 Hz BW, Typical)

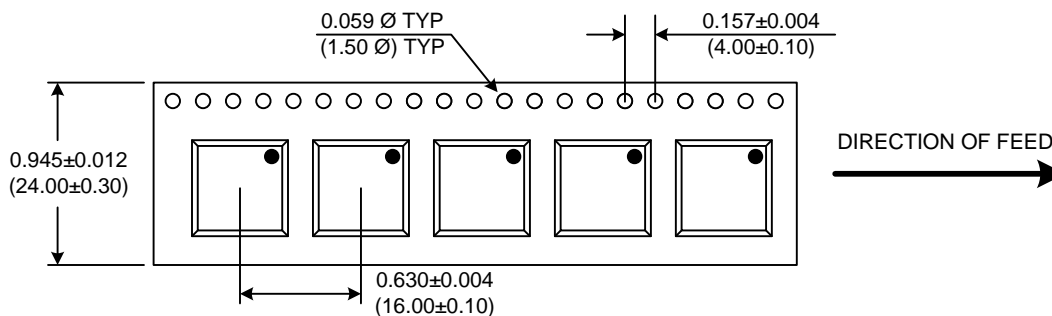


Tuning Curve (Typical)





**TAPE AND REEL**



Drawing not to scale

**Product Control:**

Crystek Part Number:	CVCO55CW-0200-0500	Release Date:	20-Jul-10
Revision Level:	E	Responsible:	C. Vales

Specification is subject to change without notice