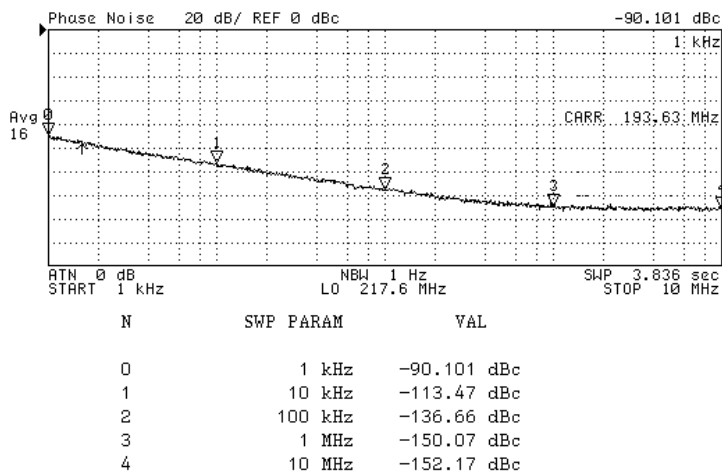


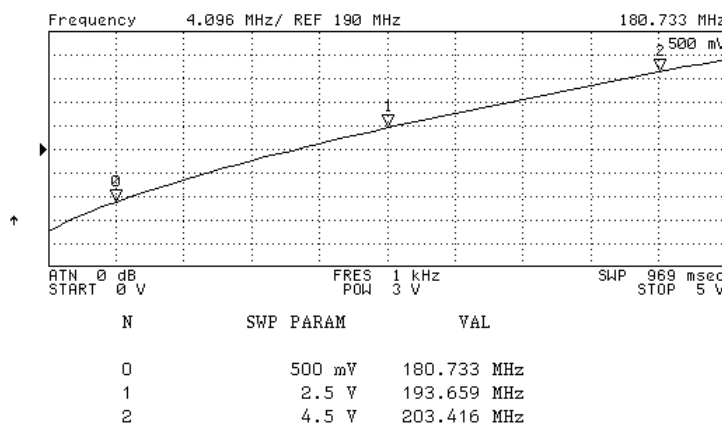


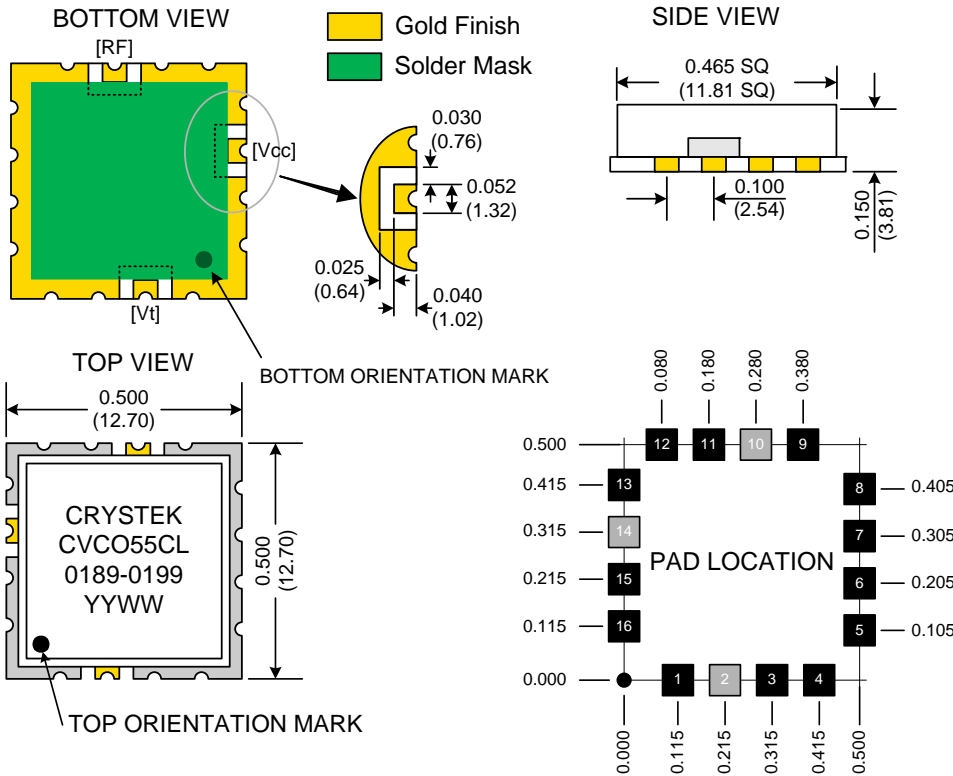
PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			189	MHz
Upper Frequency:	199			MHz
Tuning Voltage:	0.5		4.5	VDC
Supply Voltage:	2.85	3.0	3.15	VDC
Output Power:	-3.0	0	+3.0	dBm
Supply Current:		7	10	mA
Harmonic Suppression (2 nd Harmonic):		-15	-10	dBc
Pushing:		0.3	0.6	MHz/V
Pulling, all Phases:		0.5	1.0	MHz pk-pk
Tuning Sensitivity:		5		MHz/V
Phase Noise @ 10kHz offset:		-115	-110	dBc/Hz
Phase Noise @ 100kHz offset:		-136	-131	dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			330	pF
Operating Temperature Range:	-40		+85	$^{\circ}$ C
Storage Temperature Range:	-45		+90	$^{\circ}$ C

Phase Noise
(1 Hz BW, Typical)

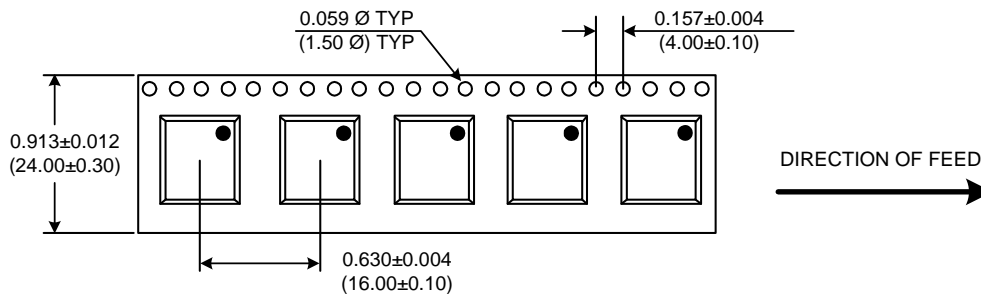


Tuning Curve
(Typical)





TAPE AND REEL



Drawing not to scale

Product Control:

Crystek Part Number:	CVCO55CL-0189-0199	Release Date:	10-Jan-08
Revision Level:	A	Responsible:	J. Roseto

Specification is subject to change without notice

Page 2 of 2