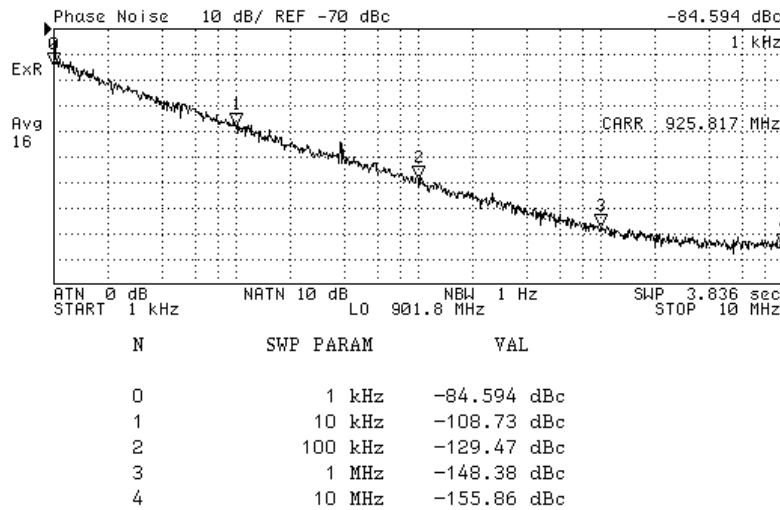


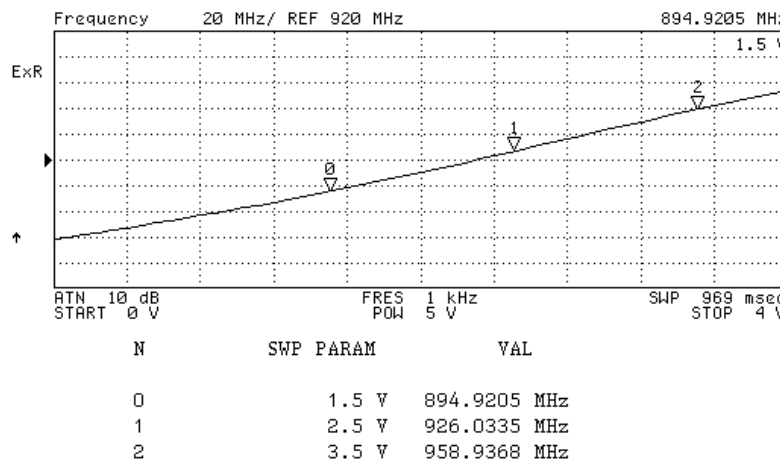


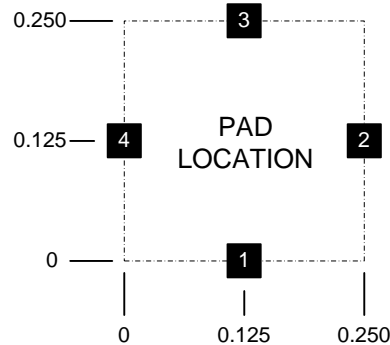
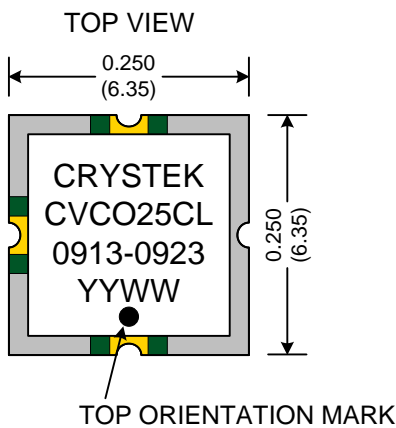
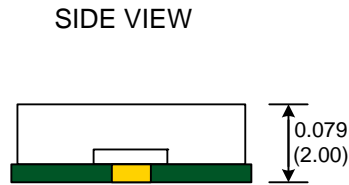
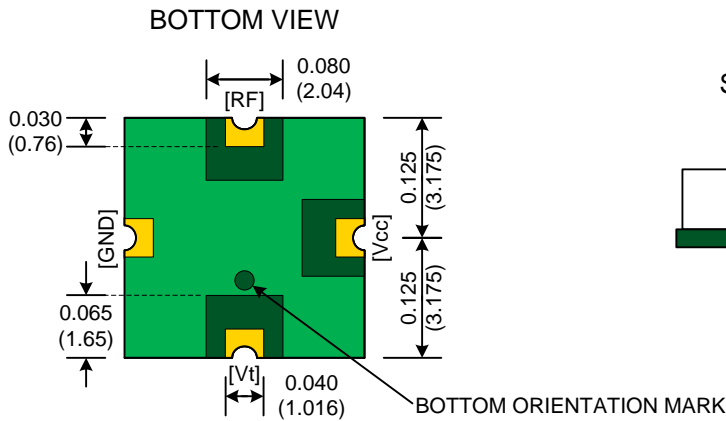
PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			913	MHz
Upper Frequency:	923			MHz
Tuning Voltage:	1.5		3.5	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	+5.0	+6.0	+7.0	dBm
Supply Current:			15	mA
Harmonic Suppression (2 <sup>nd</sup> Harmonic):		-10		dBc
Pushing:		0.5		MHz/V
Pulling, all Phases:		0.5		MHz pk-pk
Tuning Sensitivity:		30		MHz/V
Phase Noise @ 10kHz offset:		-108		dBc/Hz
Phase Noise @ 100kHz offset:		-130		dBc/Hz
Load Impedance:		50		$\Omega$
Input Capacitance:			40	pF
Operating Temperature Range:	-25		+85	$^{\circ}$ C
Storage Temperature Range:	-45		+90	$^{\circ}$ C

Phase Noise  
(1 Hz BW, Typical)



Tuning Curve  
(Typical)

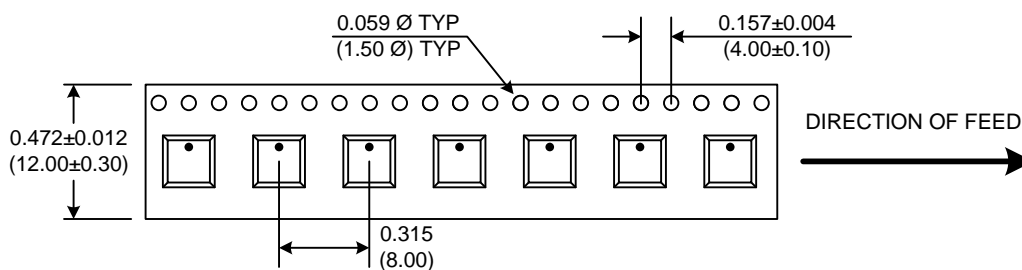




Pad	Connection
1	Vt
2	GROUND
3	RF-OUTPUT
4	Vcc

- 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:	CVCO25CL-0913-0923	Release Date:	11-Mar-2015
Revision Level:	G	Responsible:	C. Vales

Specification is subject to change without notice

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