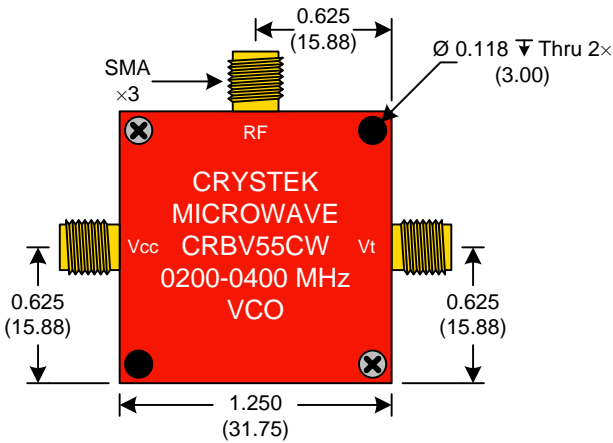




PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			200	MHz
Upper Frequency:	400			MHz
Tuning Voltage:	0		5.0	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	0	+3.5	+7.0	dBm
Supply Current:			15	mA
Harmonic Suppression (2 nd Harmonic)		-10		dBc
Pushing:			8.0	MHz/V
Pulling, all Phases:			5.0	MHz pk-pk
Tuning Sensitivity:		50		MHz/V
Phase Noise @ 10kHz offset:		-102		dBc/Hz
Phase Noise @ 100kHz offset:		-122		dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			230	pF
Operating Temperature Range:	-40		+85	$^{\circ}\text{C}$
Storage Temperature Range:	-45		+90	$^{\circ}\text{C}$

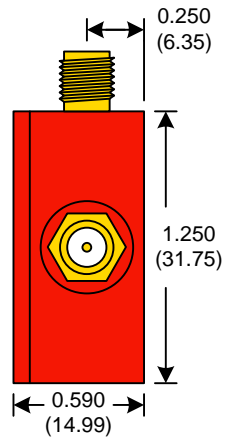
FRONT



BACK



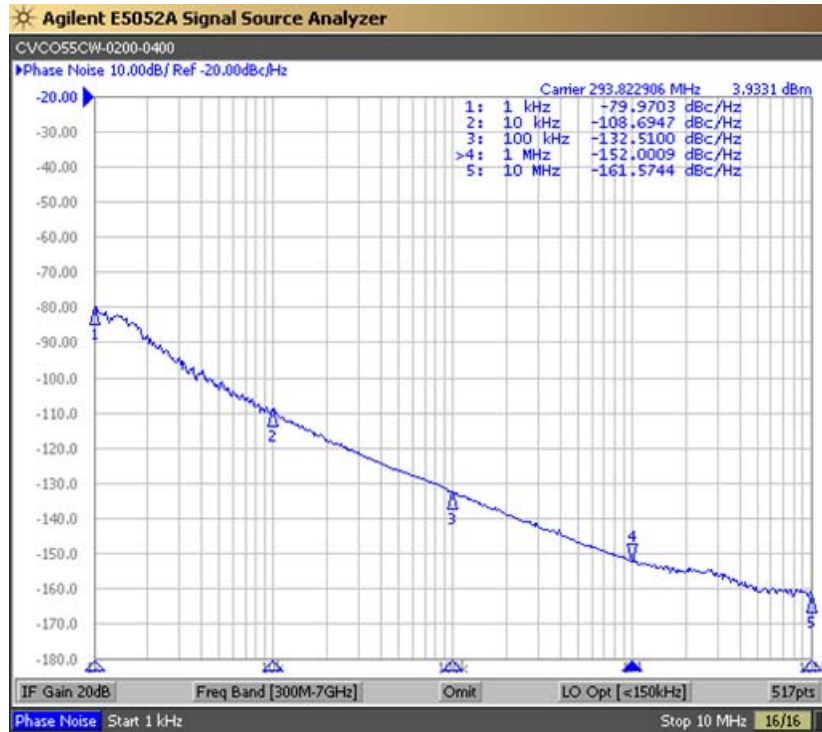
SIDE



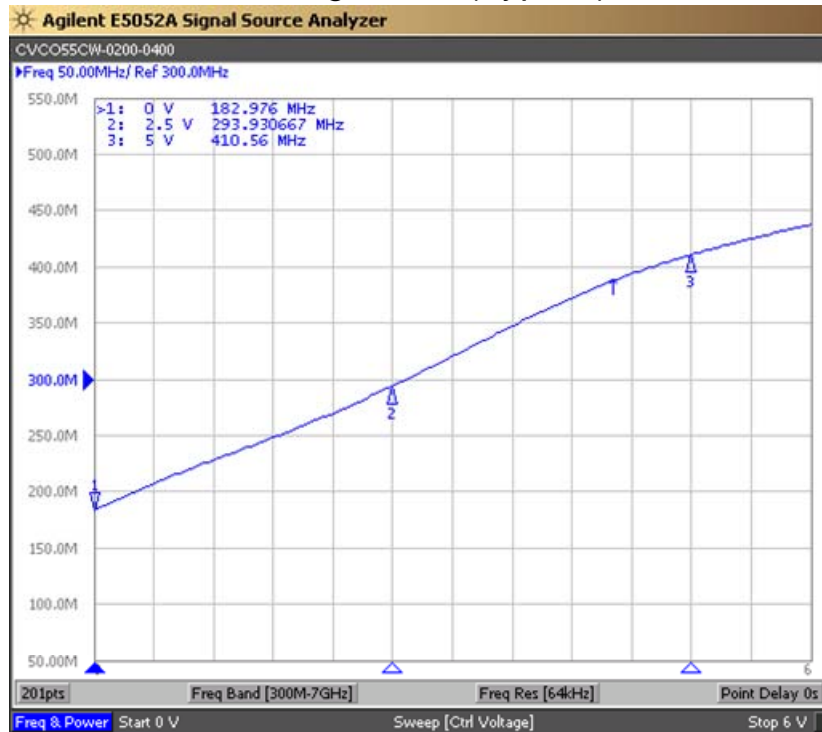
● Unless otherwise specified, Dimensions are in: $\frac{\text{IN}}{(\text{mm})}$

Product Control:			
Crystek Part Number:	CRBV55CW-0200-0400	Release Date:	29-Jan-2015
Revision Level:	E	Responsible:	C. Vales

Phase Noise (1 Hz BW, Typical)



Tuning Curve (Typical)



Product Control:

Crystek Part Number:	CRBV55CW-0200-0400	Release Date:	29-Jan-2015
Revision Level:	E	Responsible:	C. Vales

Specification is subject to change without notice