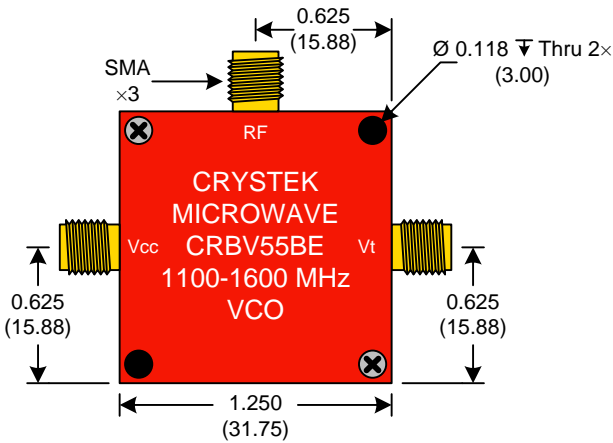


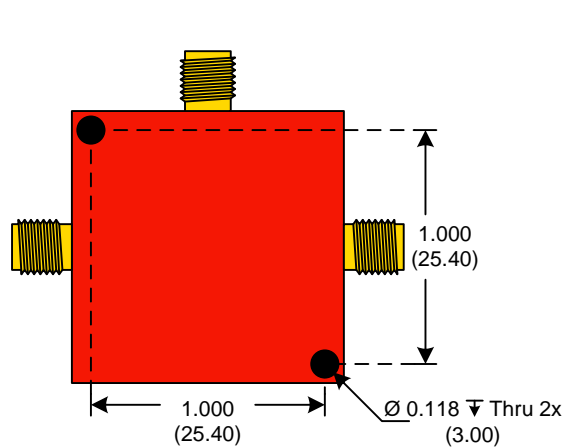


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			1100	MHz
Upper Frequency:	1600			MHz
Tuning Voltage:	0.5		9.5	VDC
Supply Voltage:	9.5	10.0	10.5	VDC
Output Power:	+2.0	+4.5	+7.0	dBm
Supply Current:		25	35	mA
Harmonic Suppression (2 <sup>nd</sup> Harmonic)		-10	-5	dBc
Pushing:		0.5	2.0	MHz/V
Pulling, all Phases:		8.5	12.0	MHz pk-pk
Tuning Sensitivity:		56		MHz/V
Phase Noise @ 10kHz offset:		-97	-93	dBc/Hz
Phase Noise @ 100kHz offset:		-120	-113	dBc/Hz
Load Impedance:		50		$\Omega$
Input Capacitance:			50	pF
Operating Temperature Range:	-40		+85	$^{\circ}$ C
Storage Temperature Range:	-45		+90	$^{\circ}$ C

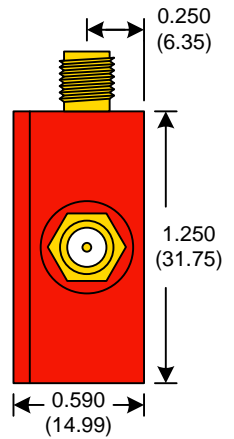
FRONT



BACK



SIDE



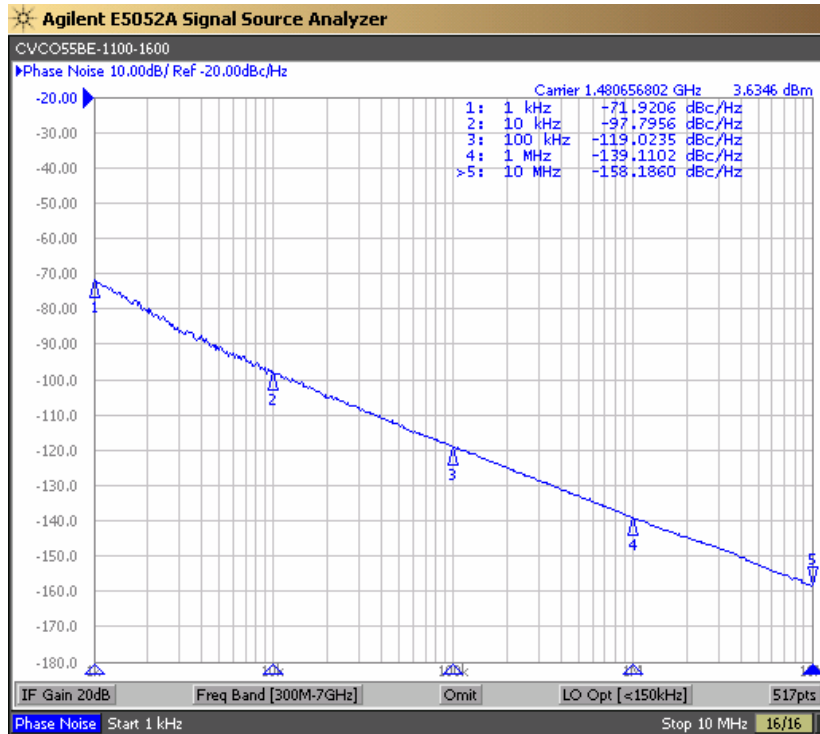
● Unless otherwise specified, Dimensions are in:  $\frac{IN}{(mm)}$

**Product Control:**

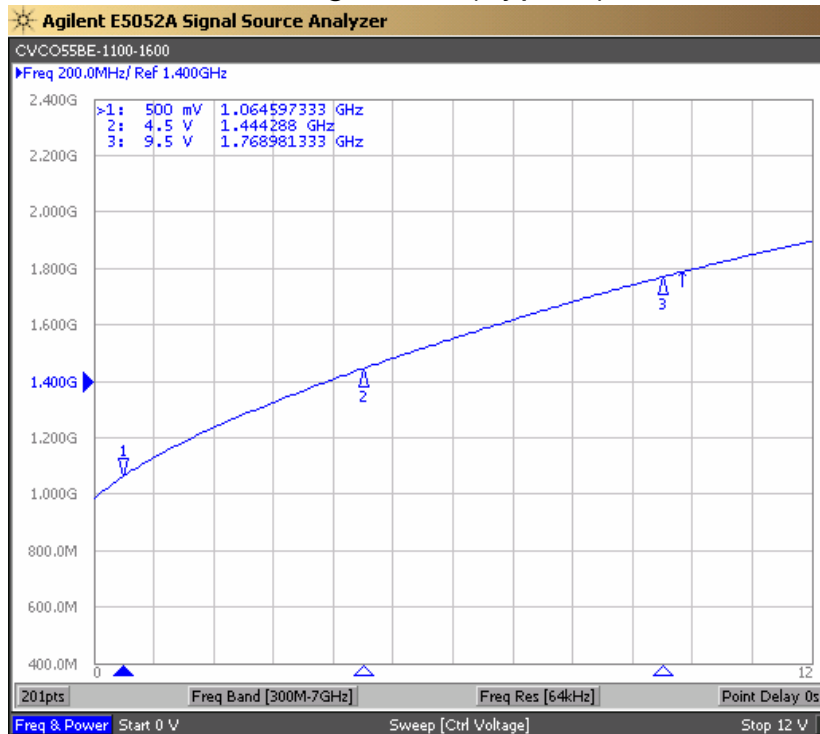
Crystek Part Number:	CRBV55BE-1100-1600	Release Date:	18-Sep-2014
Revision Level:	C	Responsible:	C. Vales



Phase Noise (1 Hz BW, Typical)



Tuning Curve (Typical)



**Product Control:**

Crystek Part Number:	CRBV55BE-1100-1600	Release Date:	18-Sep-2014
Revision Level:	C	Responsible:	C. Vales

Specification is subject to change without notice