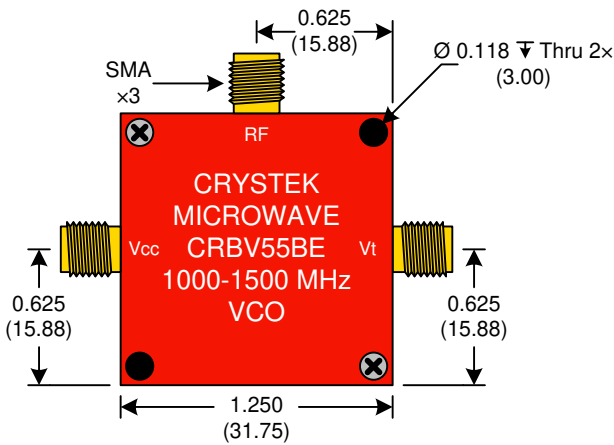


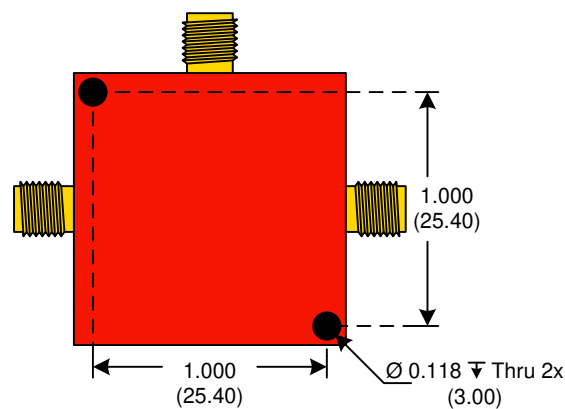


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			1000	MHz
Upper Frequency:	1500			MHz
Tuning Voltage:	0.5		4.5	VDC
Supply Voltage:	2.85	3.0	3.15	VDC
Output Power:	0	+3.5	+7.0	dBm
Supply Current:		10		mA
Harmonic Suppression (2 nd Harmonic)		-10		dBc
Pushing:		10.0		MHz/V
Pulling, all Phases:			4.0	MHz pk-pk
Tuning Sensitivity:		150		MHz/V
Phase Noise @ 10kHz offset:		-95		dBc/Hz
Phase Noise @ 100kHz offset:		-115		dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			30	pF
Operating Temperature Range:	-40		+85	$^{\circ}$ C
Storage Temperature Range:	-45		+90	$^{\circ}$ C

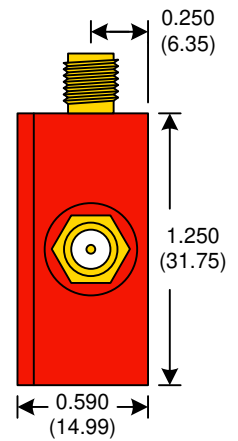
FRONT



BACK



SIDE

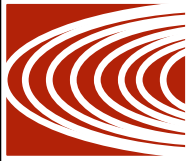


● Unless otherwise specified, Dimensions are in: $\frac{IN}{(mm)}$

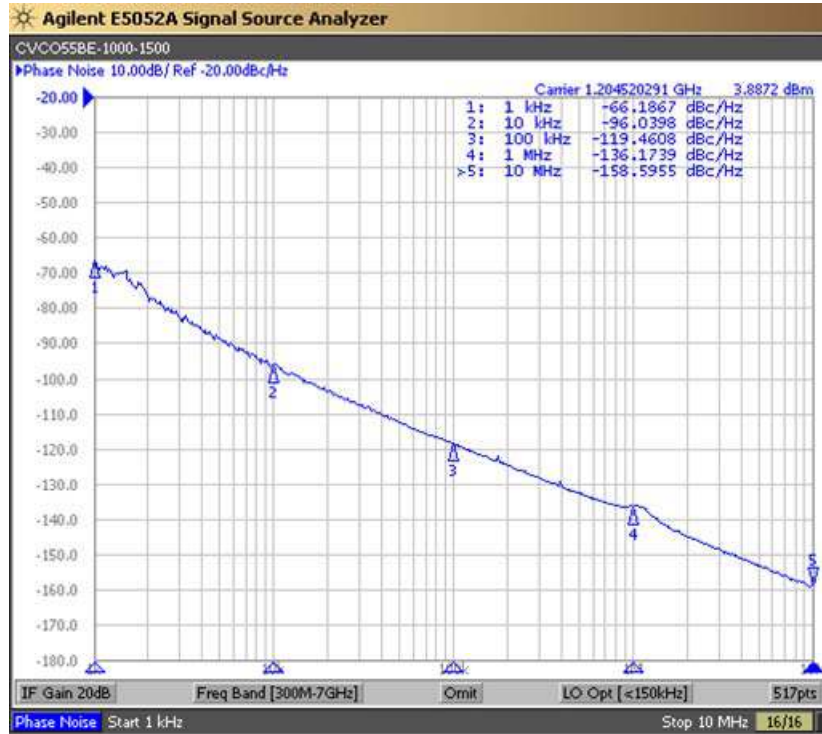
Product Control:

Crystek Part Number:	CRBV55BE-1000-1500	Release Date:	08-Jul-2015
Revision Level:	F	Responsible:	C. Vales

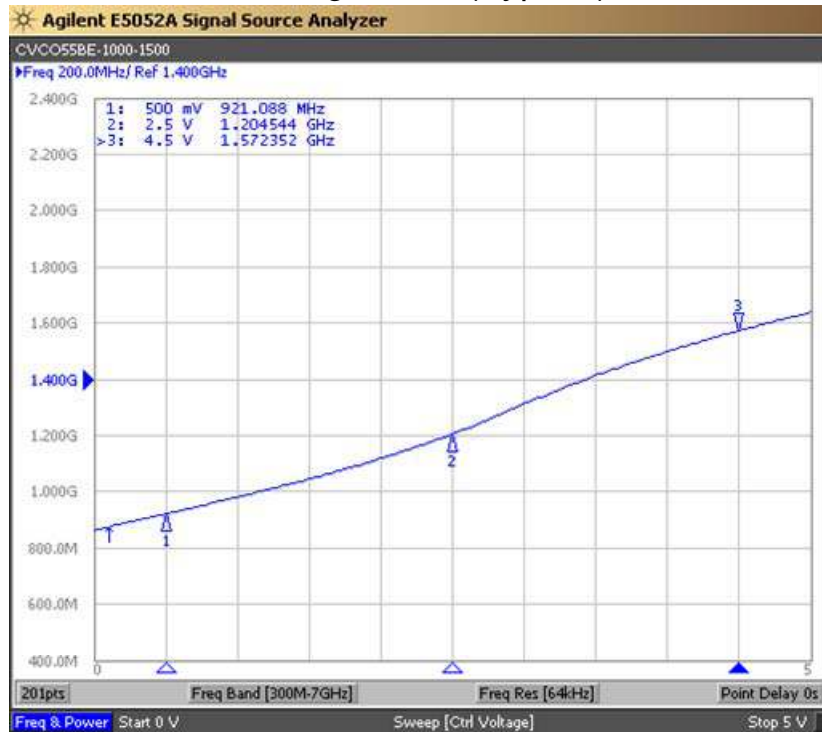




Phase Noise (1 Hz BW, Typical)



Tuning Curve (Typical)



Product Control:

Crystek Part Number:	CRBV55BE-1000-1500	Release Date:	08-Jul-2015
Revision Level:	F	Responsible:	C. Vales

Specification is subject to change without notice

