

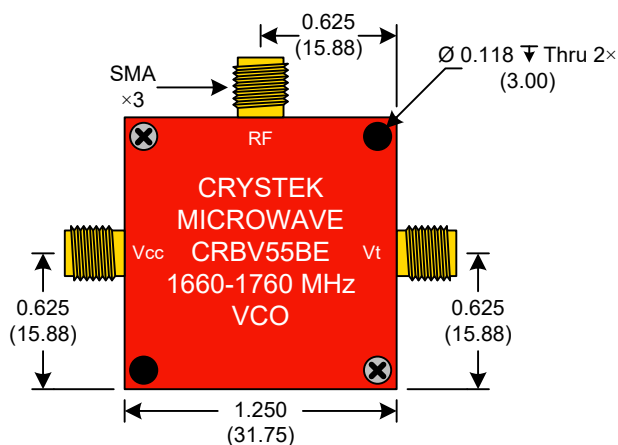
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MICROWAVE
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RedBox VCO
CRBV55BE-1660-1760

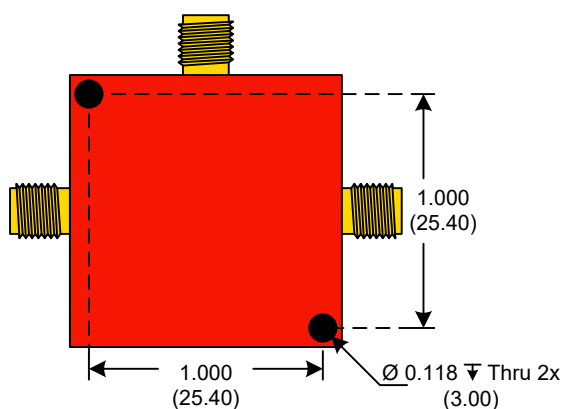


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			1660	MHz
Upper Frequency:	1760			MHz
Tuning Voltage:	0.3		4.7	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	0	+2.5	+5.0	dBm
Supply Current:			35	mA
Harmonic Suppression (2 nd Harmonic)		-15		dBc
Pushing:			2.0	MHz/V
Pulling, all Phases:			3.0	MHz pk-pk
Tuning Sensitivity:		45		MHz/V
Phase Noise @ 10kHz offset:		-100		dBc/Hz
Phase Noise @ 100kHz offset:		-122		dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			50	pF
Operating Temperature Range:	-40		+85	°C
Storage Temperature Range:	-45		+90	°C

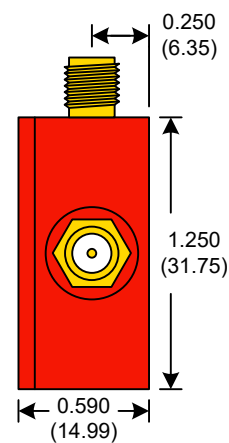
FRONT



BACK



SIDE



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

Product Control:

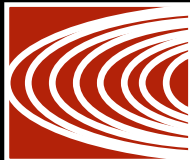
Crystek Part Number:	CRBV55BE-1660-1760	Release Date:	30-Jan-2014
Revision Level:	C	Responsible:	C. Vales

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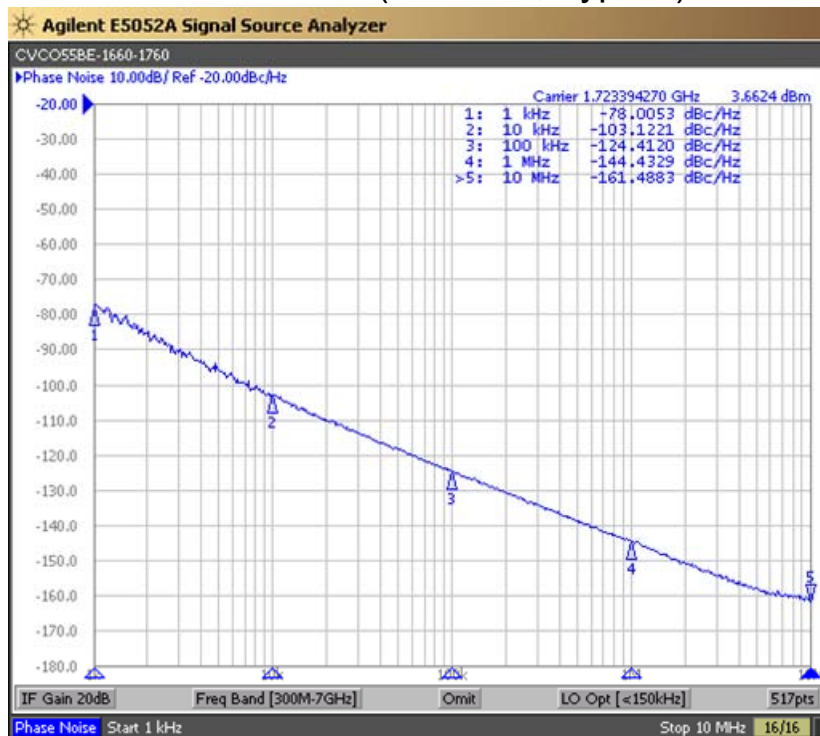
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PHONE: 239-561-3311 • 800-237-3061
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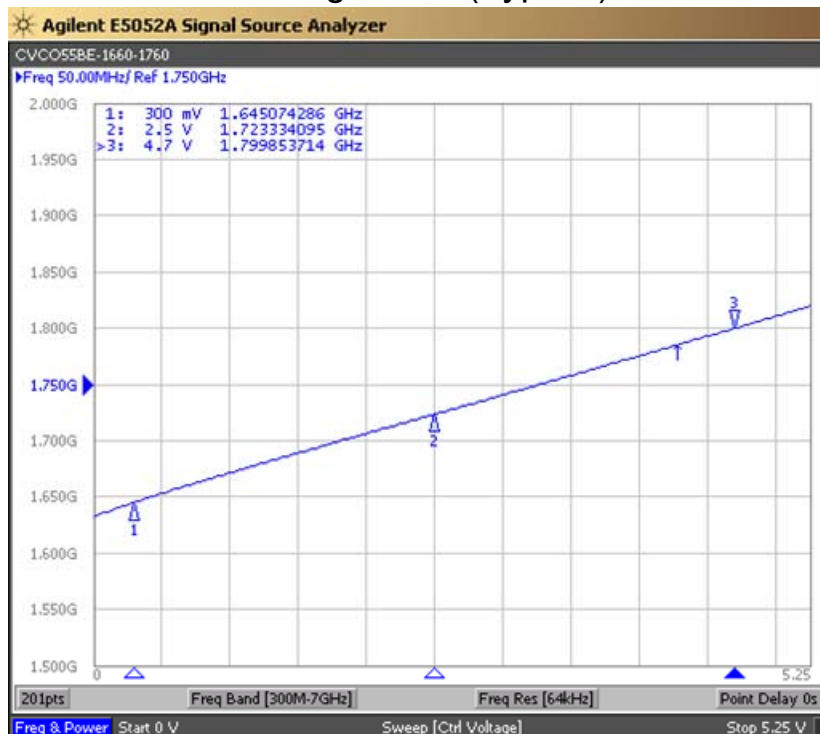
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RedBox VCO
CRBV55BE-1660-1760

Phase Noise (1 Hz BW, Typical)



Tuning Curve (Typical)



Product Control:

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Specification is subject to change without notice



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