



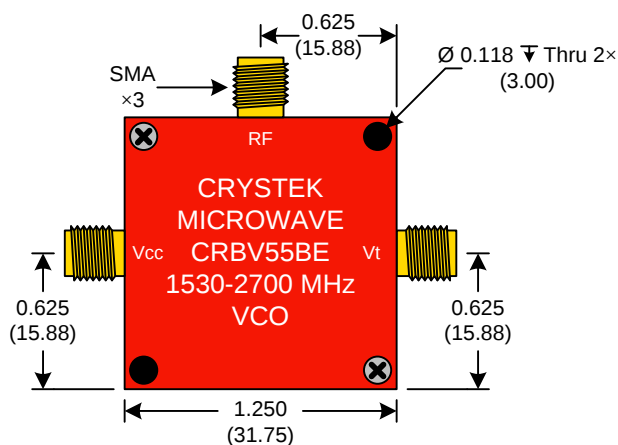
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MICROWAVE
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RedBox VCO
CRBV55BE-1530-2700



PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			1530	MHz
Upper Frequency:	2700			MHz
Tuning Voltage:	0.5		10.5	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	+4.0	+7.5	+11.0	dBm
Supply Current:		15	30	mA
Harmonic Suppression (2 nd Harmonic)		-15	-10	dBc
Pushing:		12.5	25.0	MHz/V
Pulling, all Phases:		17.5	35.0	MHz pk-pk
Tuning Sensitivity:		140		MHz/V
Phase Noise @ 10kHz offset:		-87	-82	dBc/Hz
Phase Noise @ 100kHz offset:		-111	-106	dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			50	pF
Operating Temperature Range:	-40		+75	°C
Storage Temperature Range:	-45		+90	°C

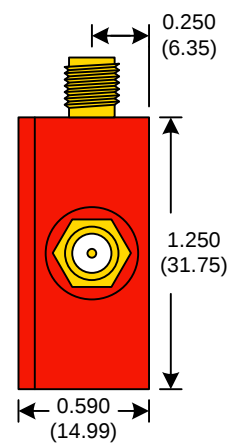
FRONT



BACK



SIDE



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

Product Control:

Crystek Part Number:	CRBV55BE-1530-2700	Release Date:	22-May-2014
Revision Level:	G	Responsible:	C. Vales

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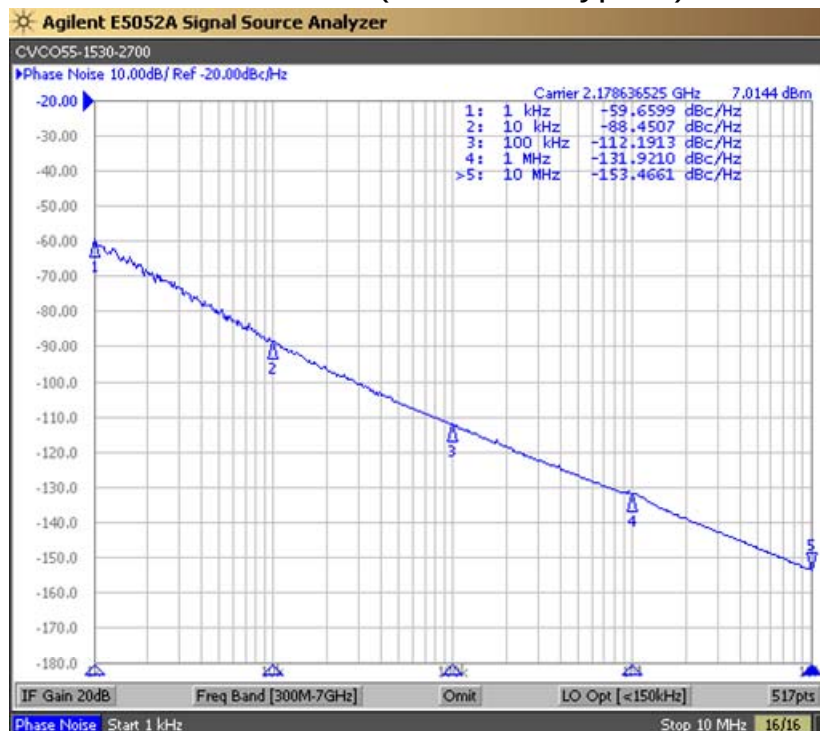
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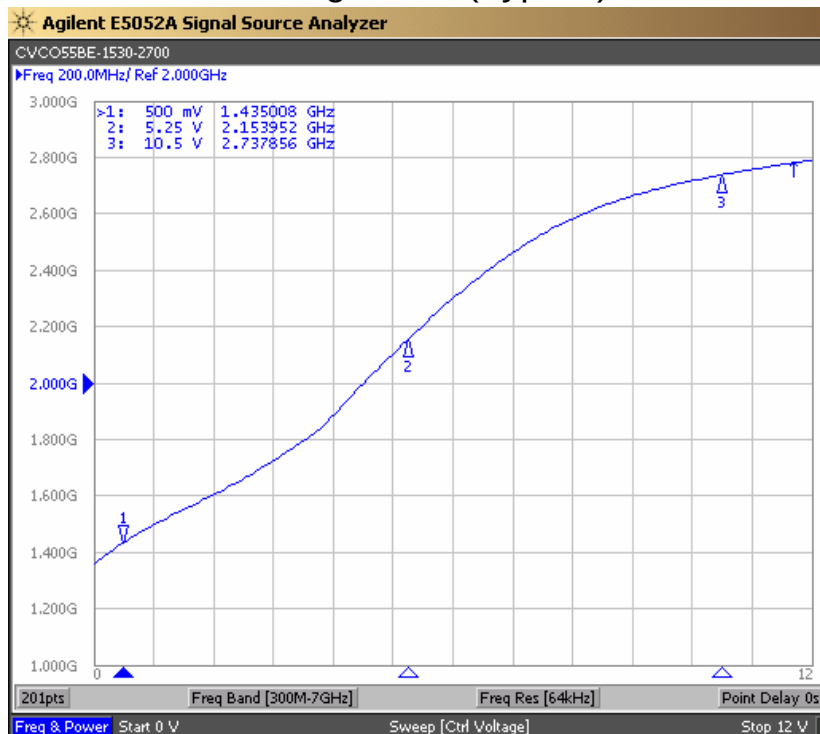
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RedBox VCO
CRBV55BE-1530-2700

Phase Noise (1 Hz BW, Typical)



Tuning Curve (Typical)



Product Control:

Crystek Part Number:	CRBV55BE-1530-2700	Release Date:	22-May-2014
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Specification is subject to change without notice



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