

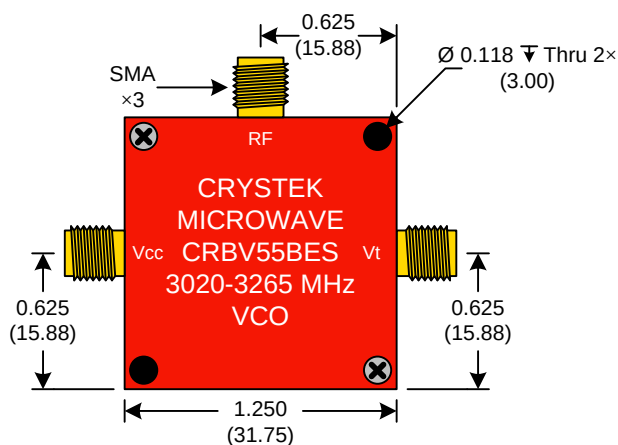
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RedBox VCO
CRBV55BES-3020-3265

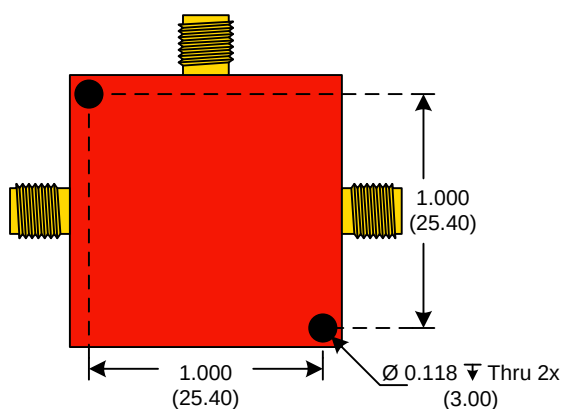


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			3020	MHz
Upper Frequency:	3265			MHz
Tuning Voltage:	0.5		11.5	VDC
Supply Voltage:	6.46	6.80	7.14	VDC
Output Power:	+3.0	+5.0	+7.0	dBm
Supply Current:		25	40	mA
Harmonic Suppression (2 nd Harmonic)		-15	-10	dBc
Pushing:		2.0	3.0	MHz/V
Pulling, all Phases:		2.0	3.0	MHz pk-pk
Tuning Sensitivity:		30		MHz/V
Phase Noise @ 10kHz offset:		-100	-95	dBc/Hz
Phase Noise @ 100kHz offset:		-119	-116	dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			50	pF
Operating Temperature Range:	-40		+85	°C
Storage Temperature Range:	-45		+90	°C

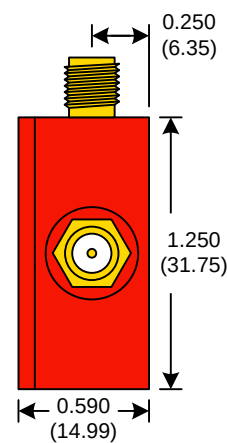
FRONT



BACK



SIDE



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

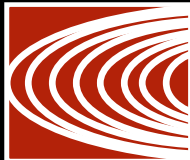
Product Control:

Crystek Part Number:	CRBV55BES-3020-3265	Release Date:	15-Dec-2014
Revision Level:	E	Responsible:	C. Vales



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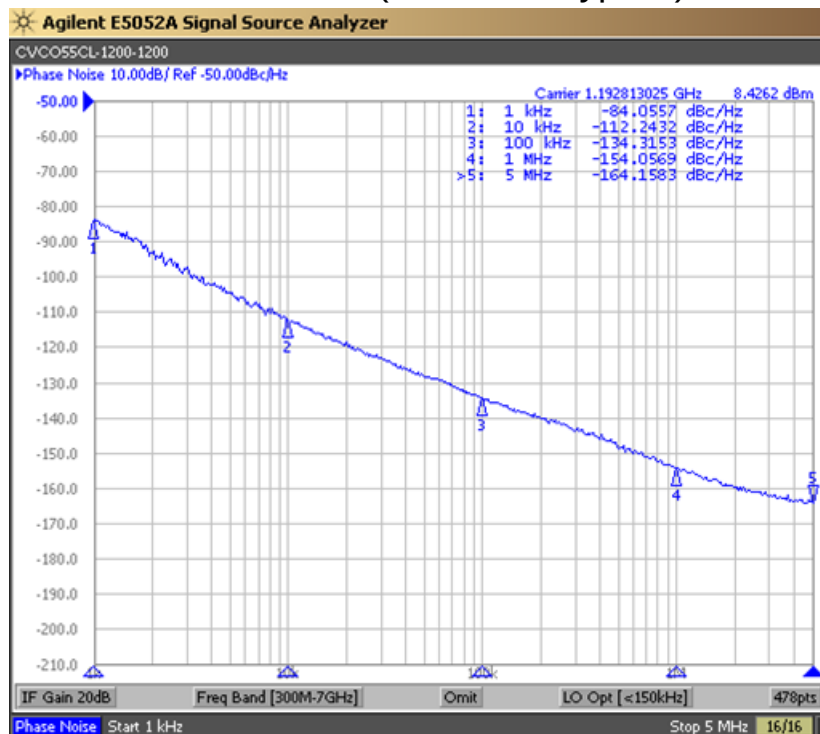
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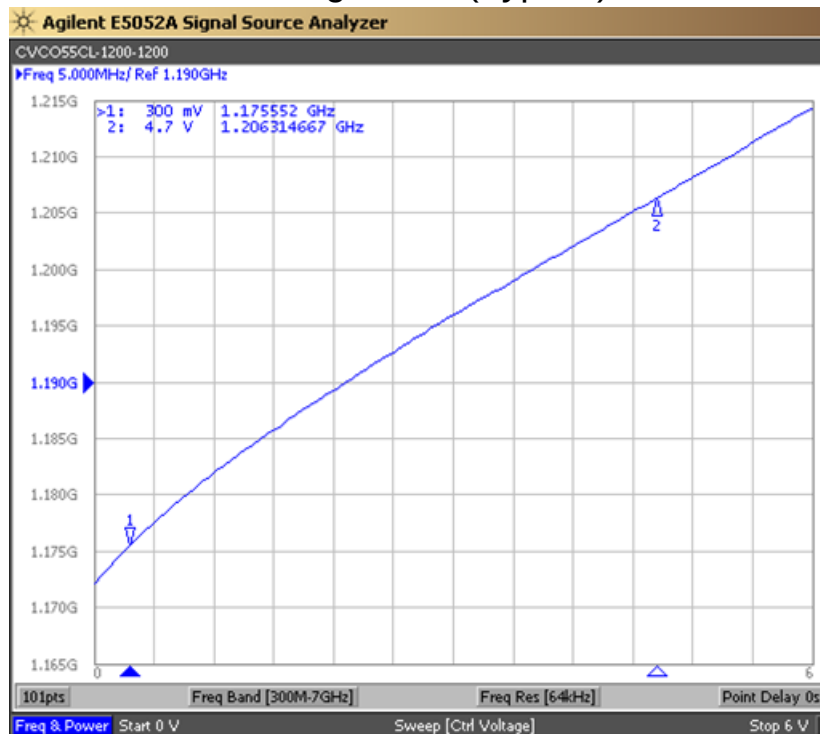
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RedBox VCO
CRBV55BES-3020-3265

Phase Noise (1 Hz BW, Typical)



Tuning Curve (Typical)



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Specification is subject to change without notice



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