



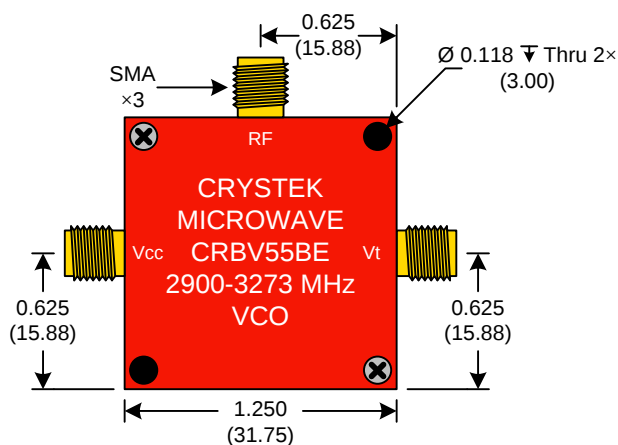
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MICROWAVE
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RedBox VCO
CRBV55BE-2900-3273



PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			2900	MHz
Upper Frequency:	3273			MHz
Tuning Voltage:	0.5		18.0	VDC
Supply Voltage:	7.6	8.0	8.4	VDC
Output Power:	-3.0	0	+3.0	dBm
Supply Current:			35	mA
Harmonic Suppression (2 nd Harmonic)			-10	dBc
Pushing:		0.5	2.0	MHz/V
Pulling, all Phases:		3.0	6.0	MHz pk-pk
Tuning Sensitivity:		28		MHz/V
Phase Noise @ 10kHz offset:		-100		dBc/Hz
Phase Noise @ 100kHz offset:		-120		dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			10	pF
Operating Temperature Range:	-40		+85	°C
Storage Temperature Range:	-45		+90	°C

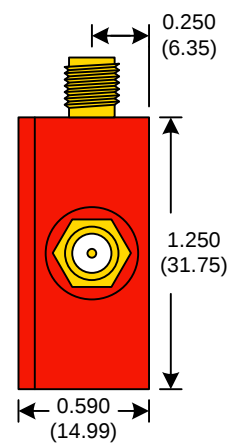
FRONT



BACK



SIDE



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

Product Control:

Crystek Part Number:	CRBV55BE-2900-3273	Release Date:	03-Dec-2014
Revision Level:	D	Responsible:	C. Vales

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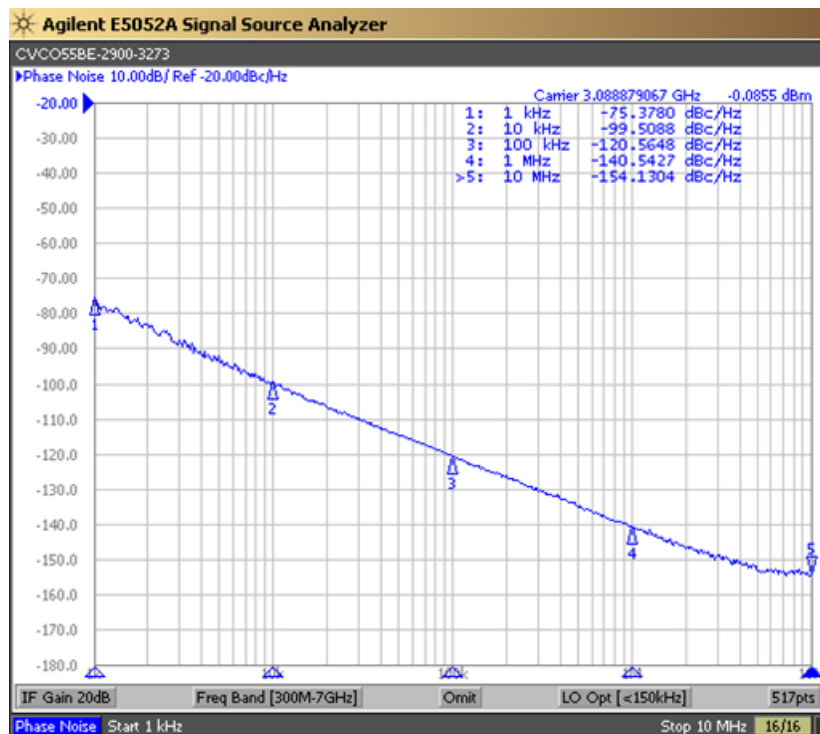
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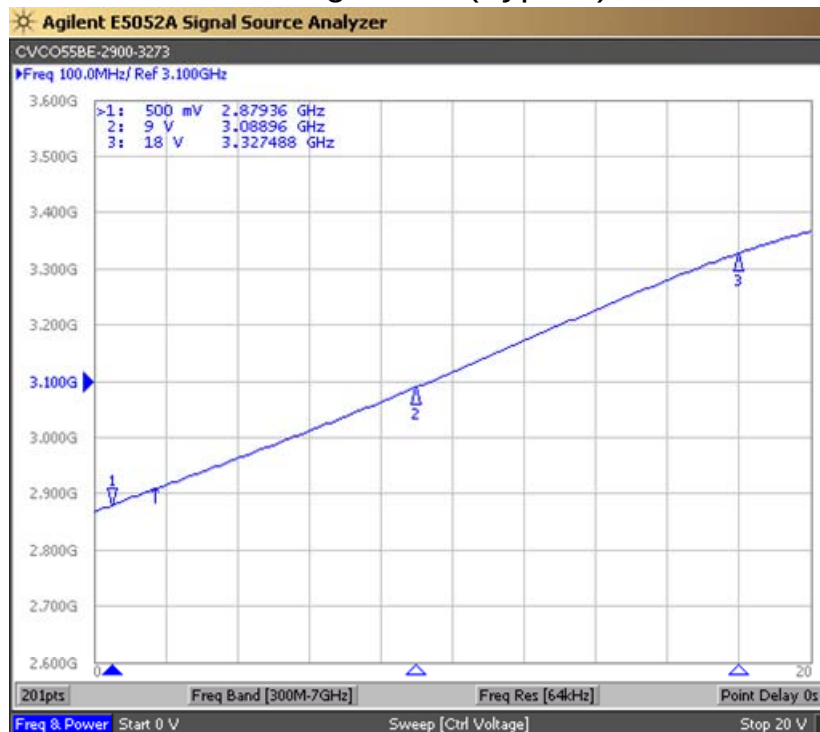
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RedBox VCO
CRBV55BE-2900-3273

Phase Noise (1 Hz BW, Typical)



Tuning Curve (Typical)



Product Control:

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Revision Level:	D	Responsible:	C. Vales

Specification is subject to change without notice



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