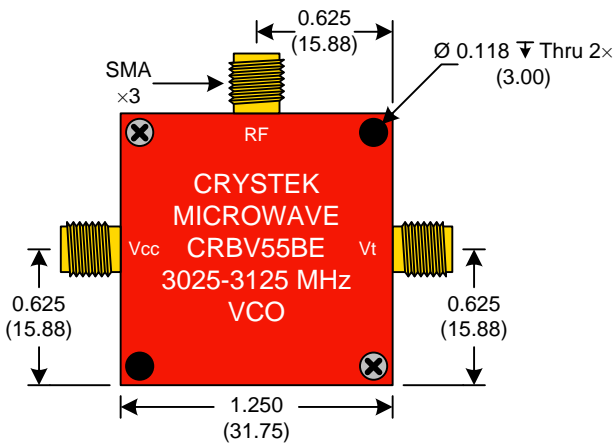




PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			3025	MHz
Upper Frequency:	3125			MHz
Tuning Voltage:	0.3		4.7	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	-3.0	0	+3.0	dBm
Supply Current:		15	25	mA
Harmonic Suppression (2 <sup>nd</sup> Harmonic)		-15		dBc
Pushing:			2.0	MHz/V
Pulling, all Phases:			8.0	MHz pk-pk
Tuning Sensitivity:		34		MHz/V
Phase Noise @ 10kHz offset:		-98	-95	dBc/Hz
Phase Noise @ 100kHz offset:		-120		dBc/Hz
Load Impedance:		50		$\Omega$
Input Capacitance:			22	pF
Operating Temperature Range:	-40		+85	$^{\circ}$ C
Storage Temperature Range:	-45		+90	$^{\circ}$ C

FRONT



BACK



SIDE



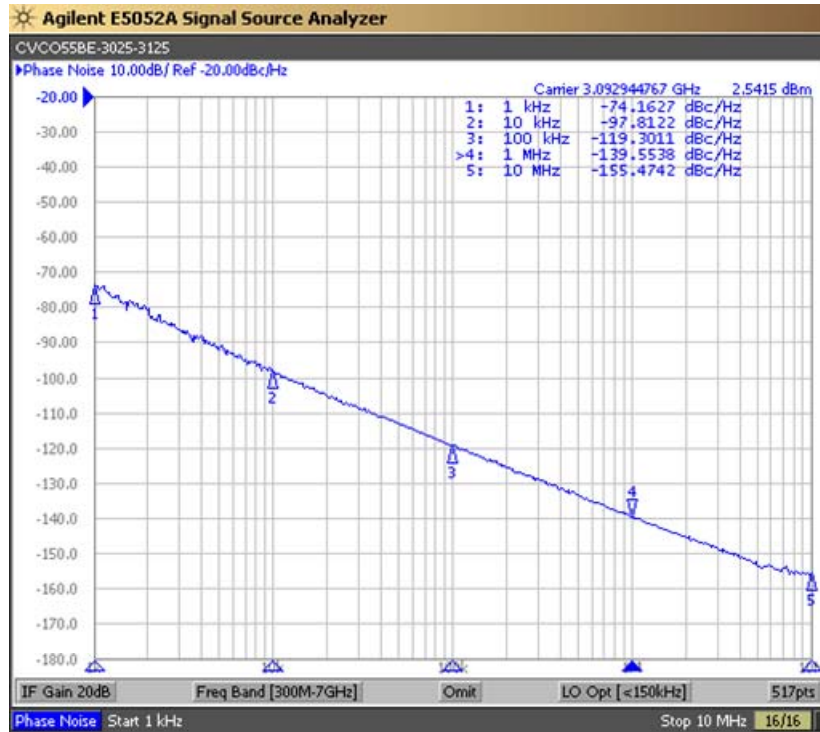
● Unless otherwise specified, Dimensions are in:  $\frac{IN}{(mm)}$

**Product Control:**

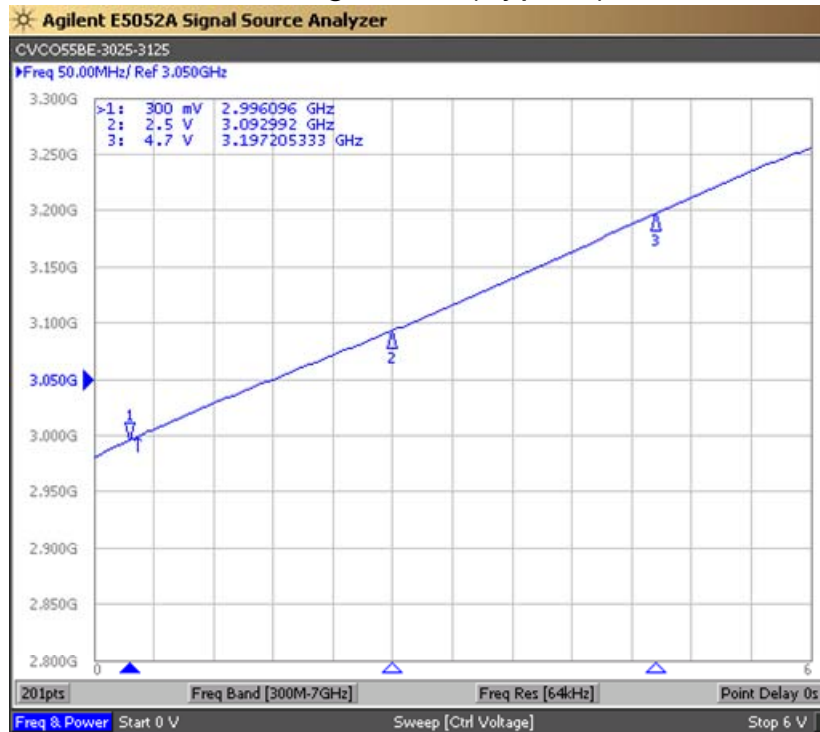
Crystek Part Number:	CRBV55BE-3025-3125	Release Date:	03-Dec-2014
Revision Level:	B	Responsible:	C. Vales



Phase Noise (1 Hz BW, Typical)



Tuning Curve (Typical)



Product Control:

Crystek Part Number:	CRBV55BE-3025-3125	Release Date:	03-Dec-2014
Revision Level:	B	Responsible:	C. Vales

Specification is subject to change without notice