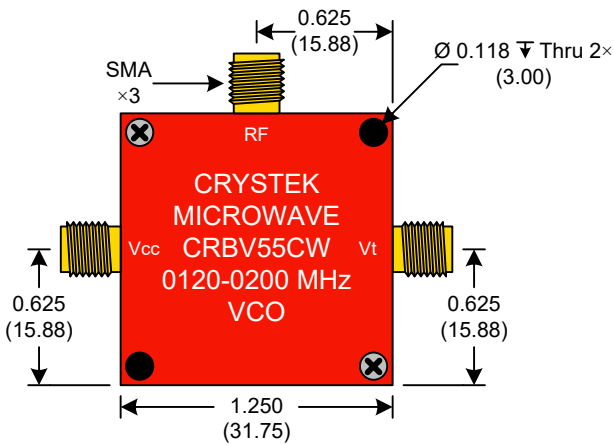


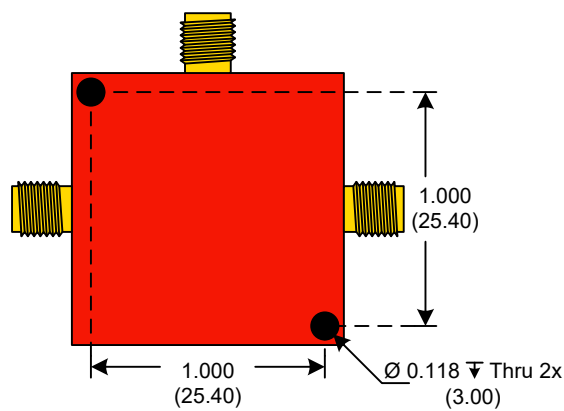


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			120	MHz
Upper Frequency:	200			MHz
Tuning Voltage:	0.5		15.0	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	+4.0	+6.0	+8.0	dBm
Supply Current:		20	25	mA
Harmonic Suppression (2 <sup>nd</sup> Harmonic):		-14		dBc
Pushing:		0.5	1.5	MHz/V
Pulling, all Phases:		1.0	2.0	MHz pk-pk
Tuning Sensitivity:		10.0		MHz/V
Phase Noise @ 10kHz offset:		-114		dBc/Hz
Phase Noise @ 100kHz offset:		-135		dBc/Hz
Load Impedance:		50		$\Omega$
Input Capacitance:		120		pF
Operating Temperature Range:	-40		+85	$^{\circ}\text{C}$
Storage Temperature Range:	-45		+90	$^{\circ}\text{C}$

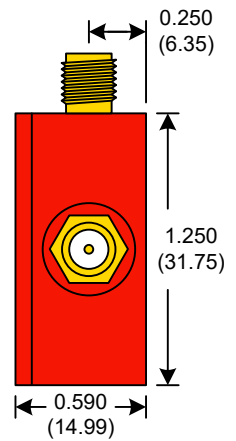
FRONT



BACK



SIDE



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



Proper ESD precautions should be taken to avoid performance degradation or loss of functionality.

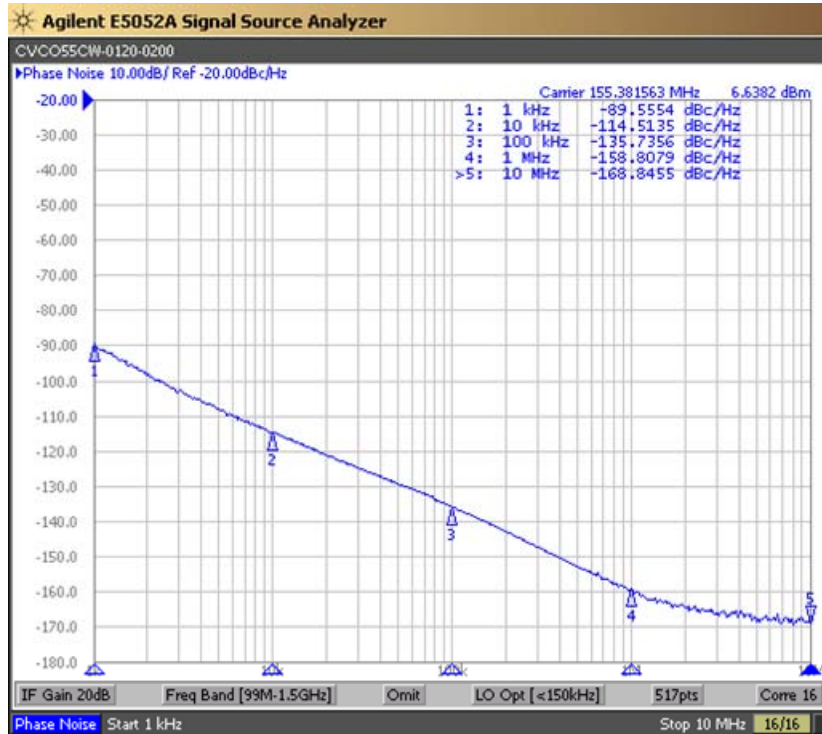
**Product Control:**

Crystek Part Number:	CRBV55CW-0120-0200	Release Date:	03-May-2022
Revision Level:	A	Responsible:	C. Vales

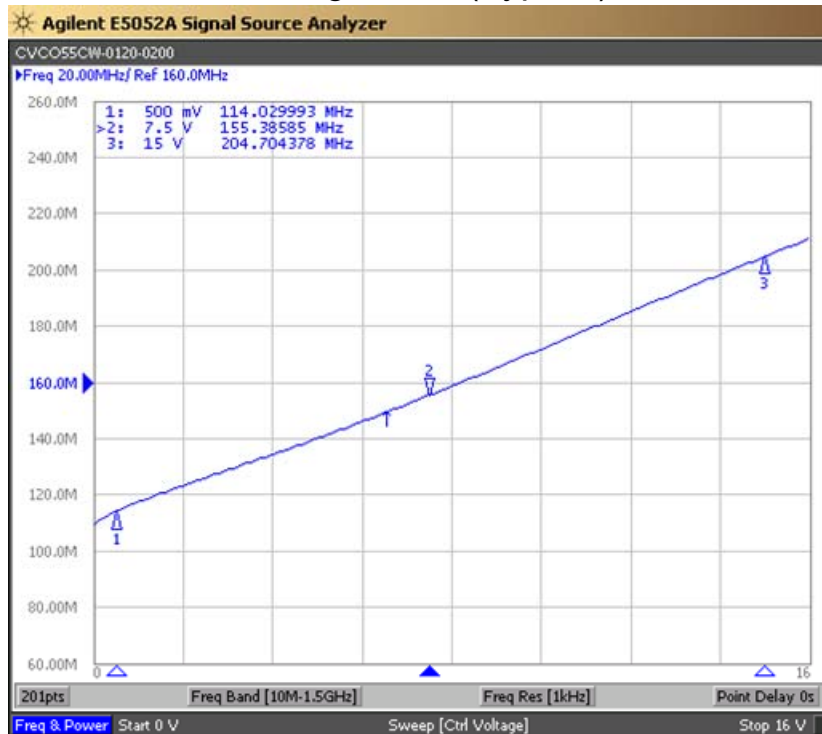




Phase Noise (1 Hz BW, Typical)



Tuning Curve (Typical)



**Product Control:**

Crystek Part Number:	CRBV55CW-0120-0200	Release Date:	03-May-2022
Revision Level:	A	Responsible:	C. Vales

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