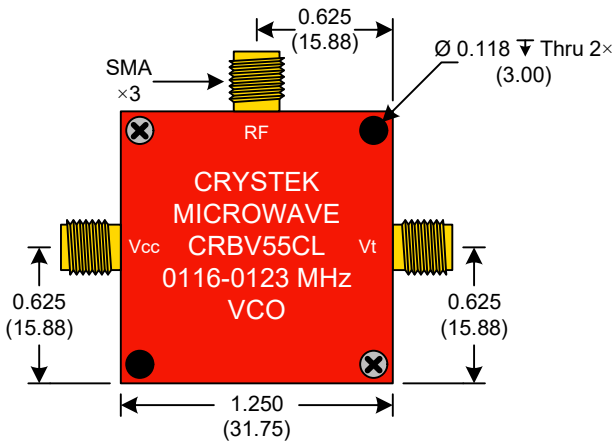


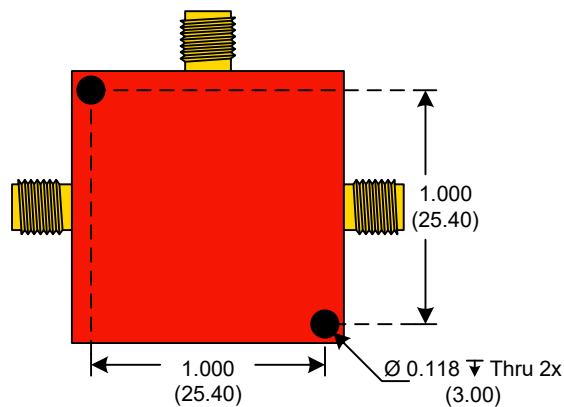


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			116	MHz
Upper Frequency:	123			MHz
Tuning Voltage:	0.5		3.0	VDC
Supply Voltage:	7.6	8.0	8.4	VDC
Output Power:	+5.0	+7.5	+10.0	dBm
Supply Current:		13	25	mA
Harmonic Suppression (2 <sup>nd</sup> Harmonic)		-20		dBc
Pushing:		0.5	1.0	MHz/V
Pulling, all Phases:			1.0	MHz pk-pk
Tuning Sensitivity:		6		MHz/V
Phase Noise @ 10kHz offset:		-120		dBc/Hz
Phase Noise @ 100kHz offset:		-140		dBc/Hz
Load Impedance:		50		$\Omega$
Input Capacitance:			150	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:  $\frac{\text{IN}}{\text{(mm)}}$

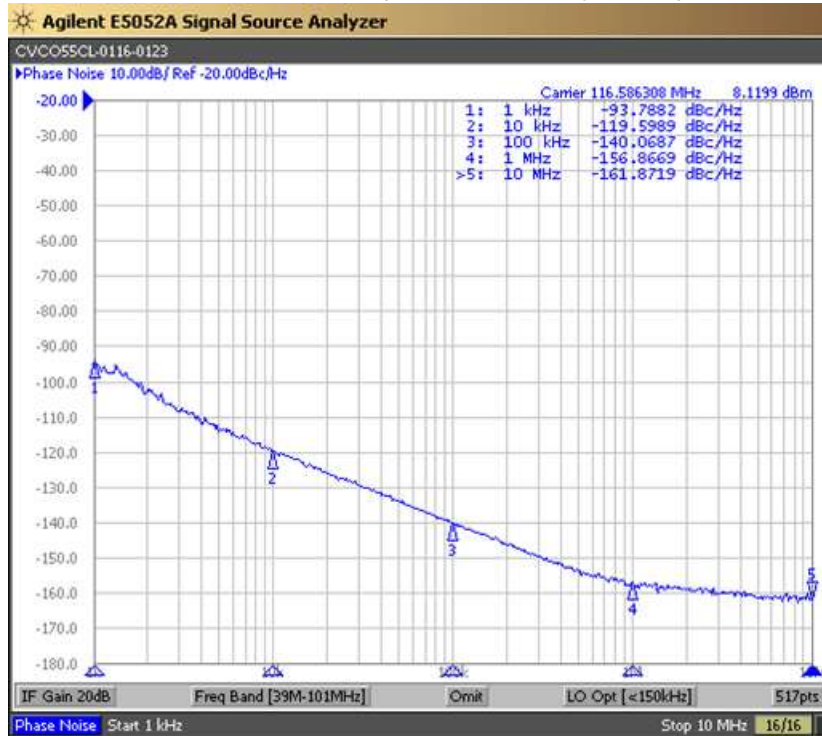


Proper ESD precautions should be taken to avoid performance degradation or loss of functionality.

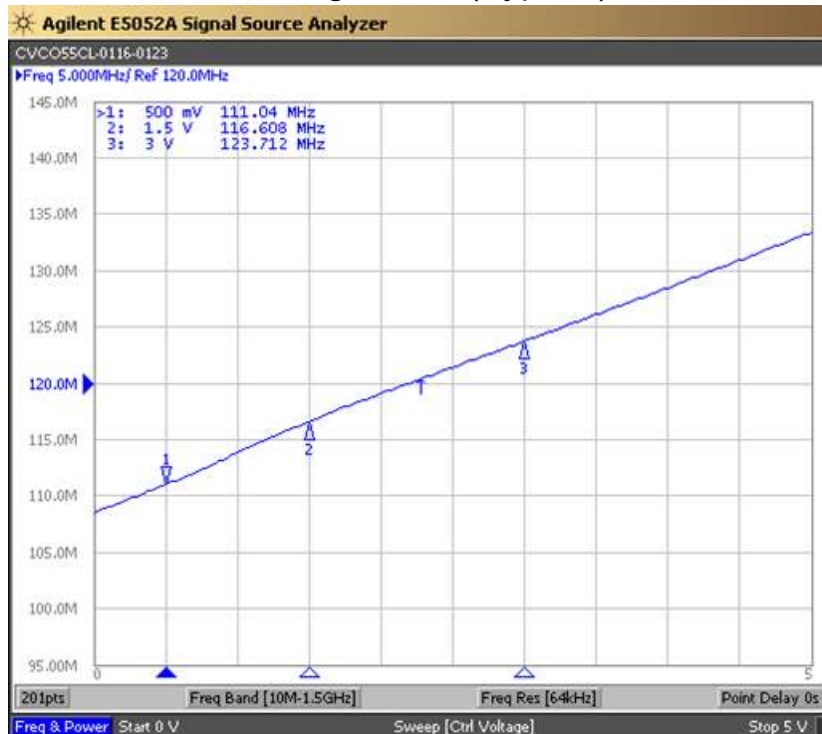
**Product Control:**

Crystek Part Number:	CRBV55CL-0116-0123	Release Date:	19-Mar-2026
Revision Level:	C	Responsible:	C. Vales

Phase Noise (1 Hz BW, Typical)



Tuning Curve (Typical)



**Product Control:**

Crystek Part Number:	CRBV55CL-0116-0123	Release Date:	19-Mar-2026
Revision Level:	C	Responsible:	C. Vales

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