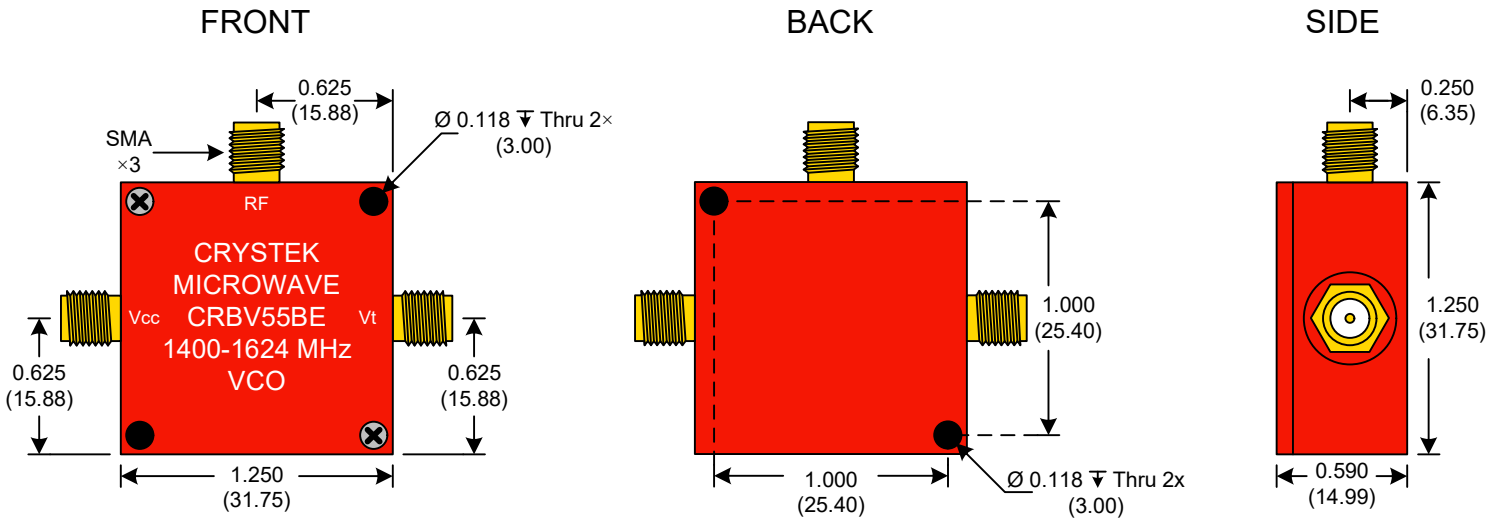




PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			1400	MHz
Upper Frequency:	1624			MHz
Tuning Voltage:	0.3		5.5	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	-3.0	0	+3.0	dBm
Supply Current:		25	35	mA
Harmonic Suppression (2 <sup>nd</sup> Harmonic)		-10	-7	dBc
Pushing:		0.5	1.0	MHz/V
Pulling, all Phases:		2.0	4.0	MHz pk-pk
Tuning Sensitivity:		65		MHz/V
Phase Noise @ 10kHz offset:		-103	-100	dBc/Hz
Phase Noise @ 100kHz offset:		-126	-123	dBc/Hz
Load Impedance:		50		$\Omega$
Input Capacitance:			120	pF
Operating Temperature Range:	-40		+85	$^{\circ}\text{C}$
Storage Temperature Range:	-45		+90	$^{\circ}\text{C}$



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

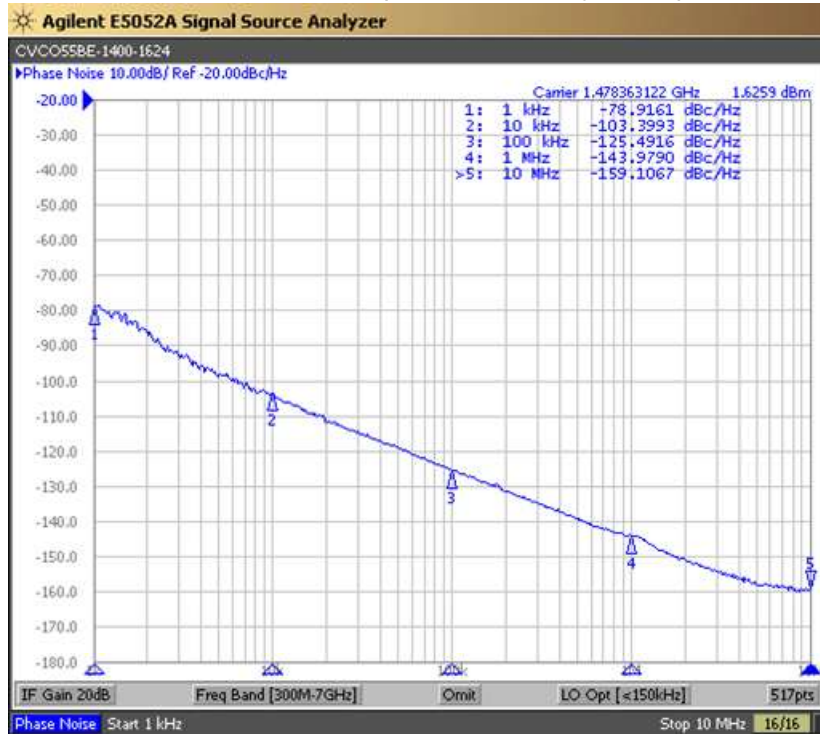


Proper ESD precautions should be taken to avoid performance degradation or loss of functionality.

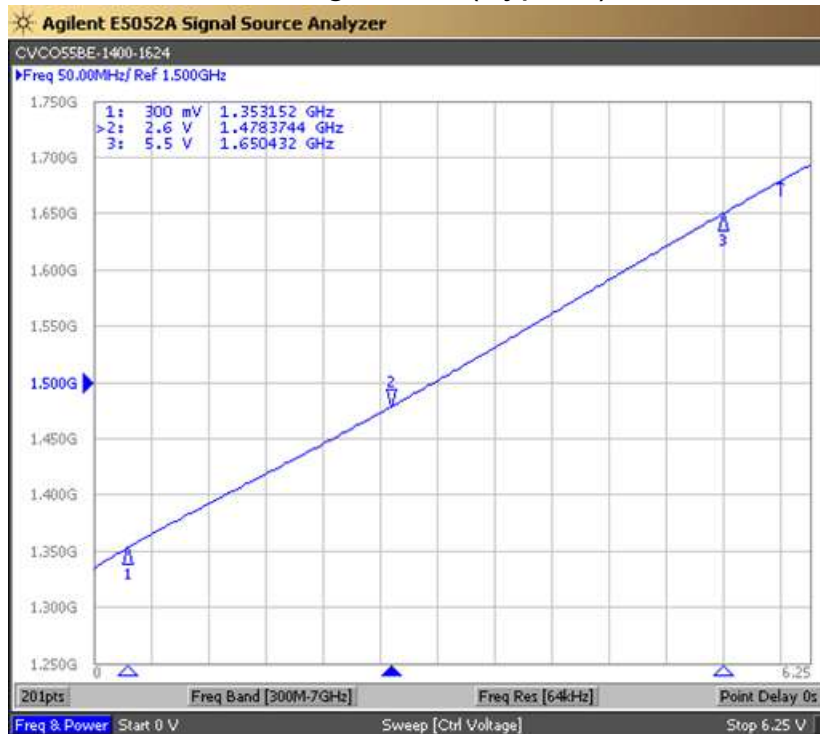
**Product Control:**

Crystek Part Number:	CRBV55BE-1400-1624	Release Date:	27-Oct-2025
Revision Level:	D	Responsible:	C. Vales

Phase Noise (1 Hz BW, Typical)



Tuning Curve (Typical)



**Product Control:**

Crystek Part Number:	CRBV55BE-1400-1624	Release Date:	27-Oct-2025
Revision Level:	D	Responsible:	C. Vales

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