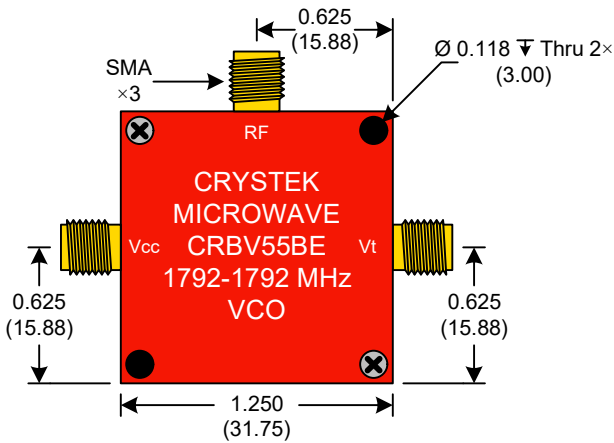


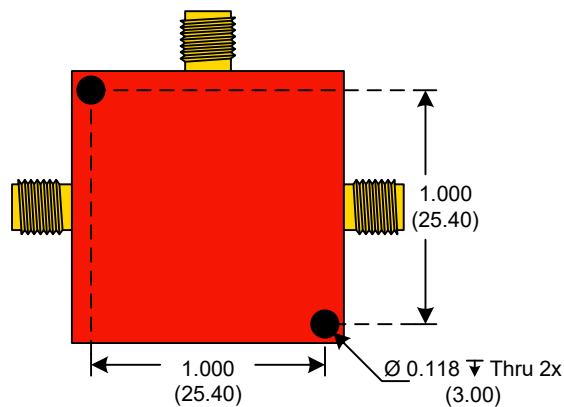


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			1792	MHz
Upper Frequency:	1792			MHz
Tuning Voltage:	0.5		2.7	VDC
Supply Voltage:	3.135	3.30	3.465	VDC
Output Power:	0	+2.5	+5.0	dBm
Supply Current:			12	mA
Harmonic Suppression (2 <sup>nd</sup> Harmonic)		-13	-8	dBc
Pushing:		1.5	3.0	MHz/V
Pulling, all Phases:		2.5	5.0	MHz pk-pk
Tuning Sensitivity:		25		MHz/V
Phase Noise @ 10kHz offset:		-103	-100	dBc/Hz
Phase Noise @ 100kHz offset:		-125	-122	dBc/Hz
Load Impedance:		50		$\Omega$
Input Capacitance:			47	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:  $\frac{\text{IN}}{\text{(mm)}}$

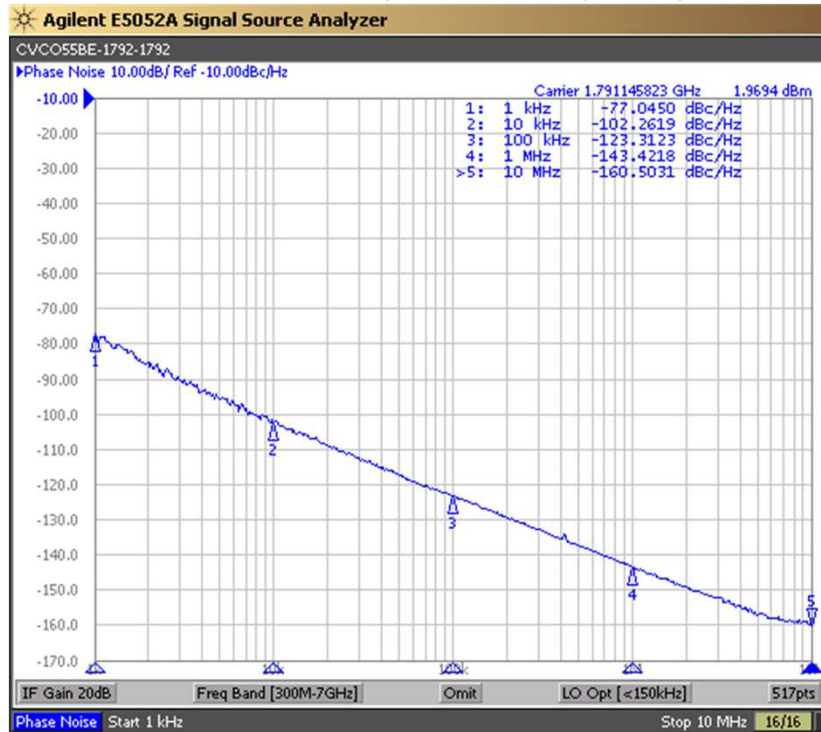


Proper ESD precautions should be taken to avoid performance degradation or loss of functionality.

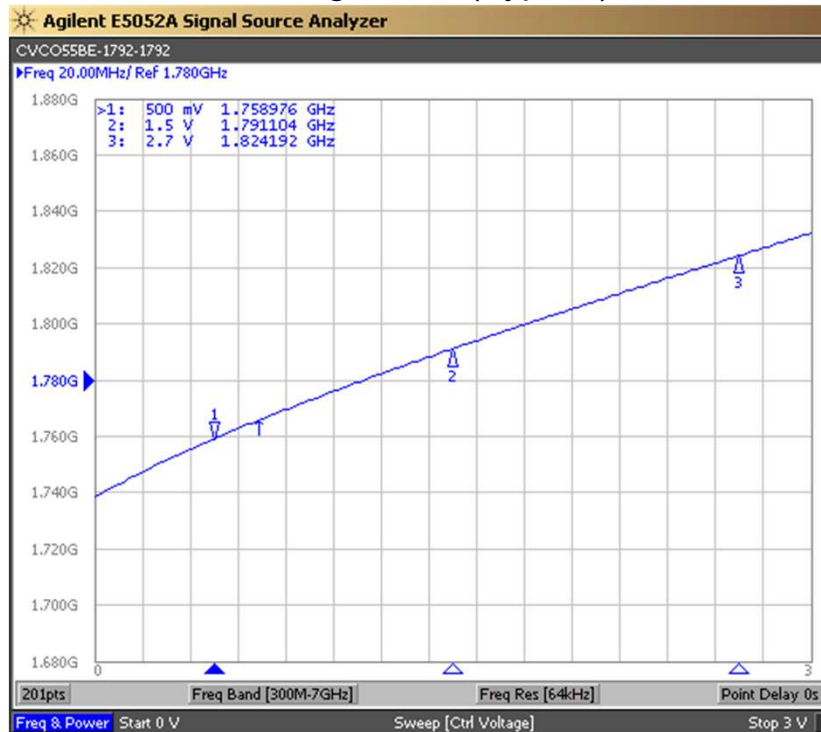
**Product Control:**

Crystek Part Number:	CRBV55BE-1792-1792	Release Date:	03-Feb-2026
Revision Level:	C	Responsible:	C. Vales

Phase Noise (1 Hz BW, Typical)



Tuning Curve (Typical)



**Product Control:**

Crystek Part Number:	CRBV55BE-1792-1792	Release Date:	03-Feb-2026
Revision Level:	C	Responsible:	C. Vales

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