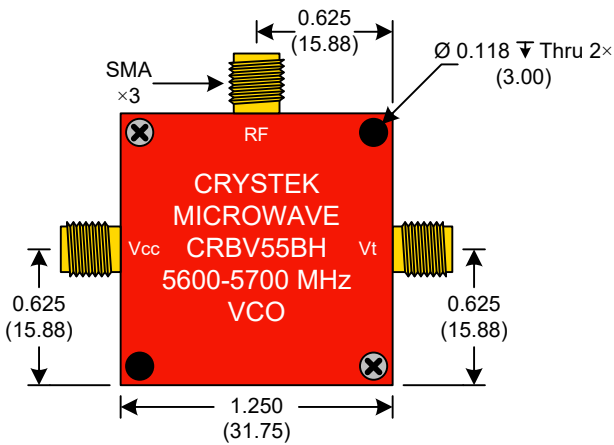


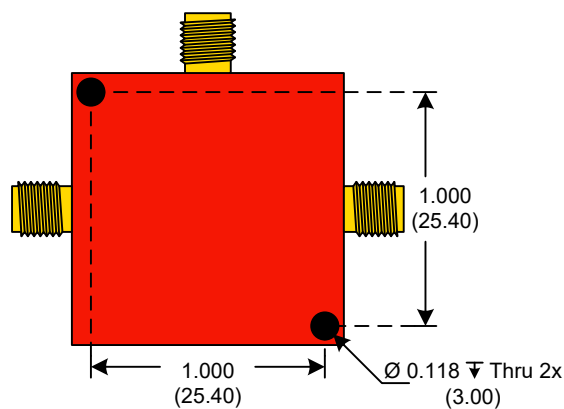


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			5600	MHz
Upper Frequency:	5700			MHz
Tuning Voltage:	0		5.0	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	-3.0	0	+3.0	dBm
Supply Current:		20	30	mA
Harmonic Suppression (2 <sup>nd</sup> Harmonic)		-22		dBc
Pushing:			4.0	MHz/V
Pulling, all Phases:		30.0	50.0	MHz pk-pk
Tuning Sensitivity:		125		MHz/V
Phase Noise @ 10kHz offset:		-85		dBc/Hz
Phase Noise @ 100kHz offset:		-107		dBc/Hz
Load Impedance:		50		$\Omega$
Input Capacitance:			15	pF
Operating Temperature Range:	-40		+85	$^{\circ}\text{C}$
Storage Temperature Range:	-45		+90	$^{\circ}\text{C}$

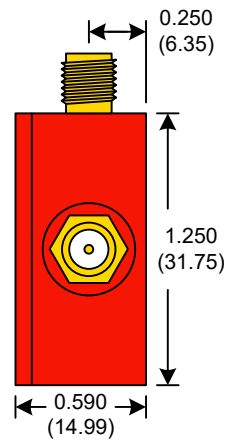
FRONT



BACK



SIDE



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



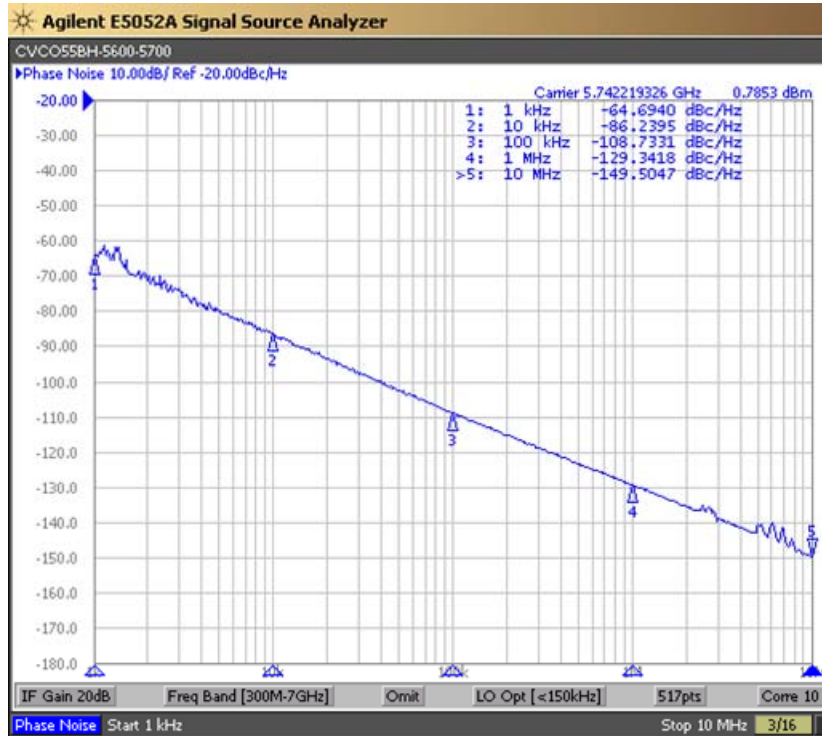
Proper ESD precautions should be taken to avoid performance degradation or loss of functionality.

**Product Control:**

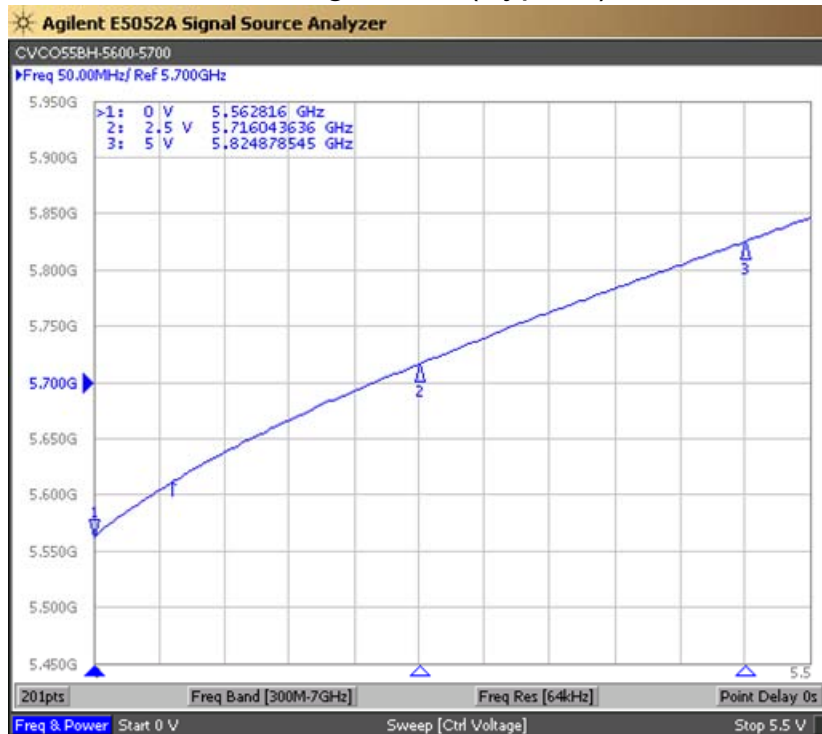
Crystek Part Number:	CRBV55BH-5600-5700	Release Date:	20-Apr-2022
Revision Level:	C	Responsible:	C. Vales



Phase Noise (1 Hz BW, Typical)



Tuning Curve (Typical)



**Product Control:**

Crystek Part Number:	CRBV55BH-5600-5700	Release Date:	20-Apr-2022
Revision Level:	C	Responsible:	C. Vales

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