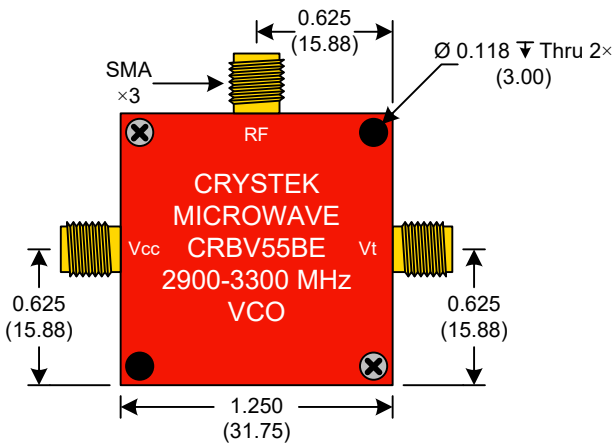
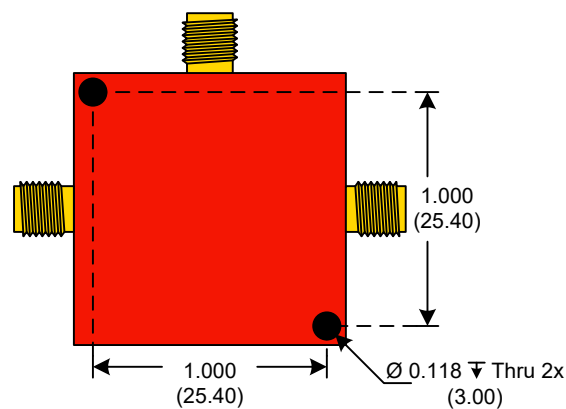


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			2900	MHz
Upper Frequency:	3300			MHz
Tuning Voltage:	0		16.0	VDC
Supply Voltage:	7.6	8.0	8.4	VDC
Output Power:	-6.0	-2.5	+1.0	dBm
Supply Current:		20		mA
Harmonic Suppression (2 nd Harmonic)		-15	-8	dBc
Pushing:		2.0	3.0	MHz/V
Pulling, all Phases:		1.0		MHz pk-pk
Tuning Sensitivity:		30		MHz/V
Phase Noise @ 10kHz offset:		-90		dBc/Hz
Phase Noise @ 100kHz offset:		-112		dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			47	pF
Operating Temperature Range:	-40		+85	$^{\circ}\text{C}$
Storage Temperature Range:	-45		+90	$^{\circ}\text{C}$

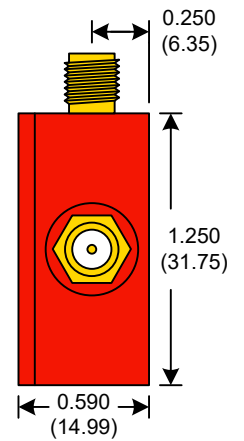
FRONT



BACK



SIDE



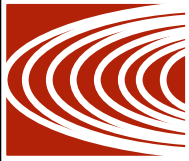
● Unless otherwise specified, Dimensions are in: $\frac{\text{IN}}{\text{(mm)}}$



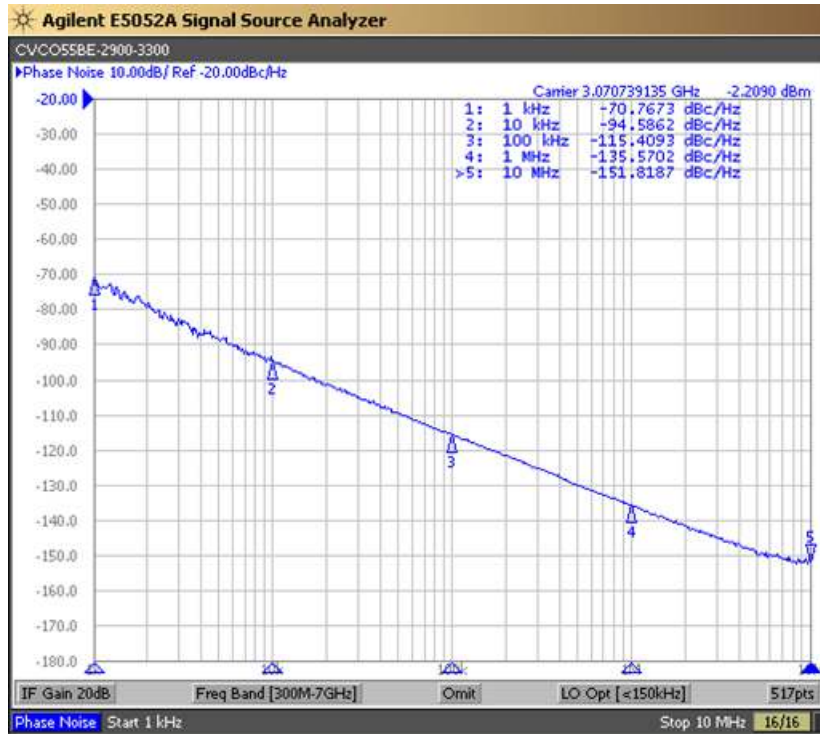
Proper ESD precautions should be taken to avoid performance degradation or loss of functionality.

Product Control:

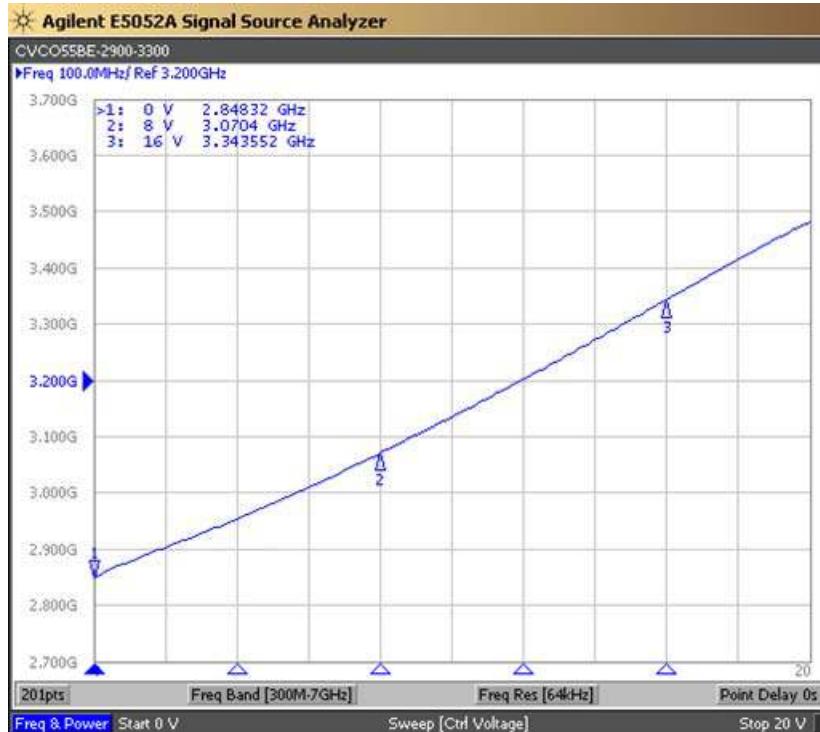
Crystek Part Number:	CRBV55BE-2900-3300	Release Date:	20-Sep-2022
Revision Level:	F	Responsible:	C. Vales



Phase Noise (1 Hz BW, Typical)



Tuning Curve (Typical)



Product Control:

Crystek Part Number:	CRBV55BE-2900-3300	Release Date:	20-Sep-2022
Revision Level:	F	Responsible:	C. Vales

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