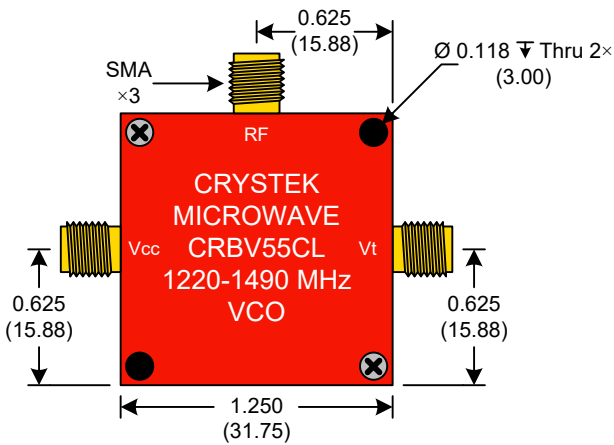


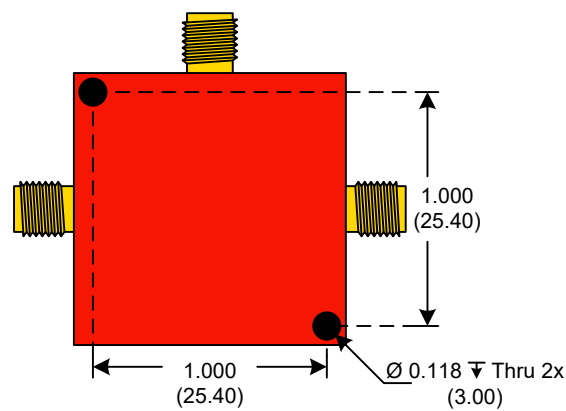


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			1220	MHz
Upper Frequency:	1490			MHz
Tuning Voltage:	0.5		22.0	VDC
Supply Voltage:	7.75	8.0	8.25	VDC
Output Power:	0	+3.5	+7.0	dBm
Supply Current:			20	mA
Harmonic Suppression (2 nd Harmonic)		-15		dBc
Pushing:			2.0	MHz/V
Pulling, all Phases:			3.0	MHz pk-pk
Tuning Sensitivity:		20		MHz/V
Phase Noise @ 10kHz offset:		-103		dBc/Hz
Phase Noise @ 100kHz offset:		-123		dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			100	pF
Operating Temperature Range:	-40		+85	$^{\circ}\text{C}$
Storage Temperature Range:	-45		+90	$^{\circ}\text{C}$

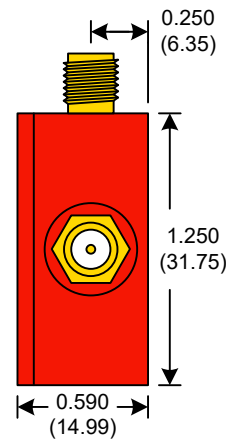
FRONT



BACK



SIDE



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



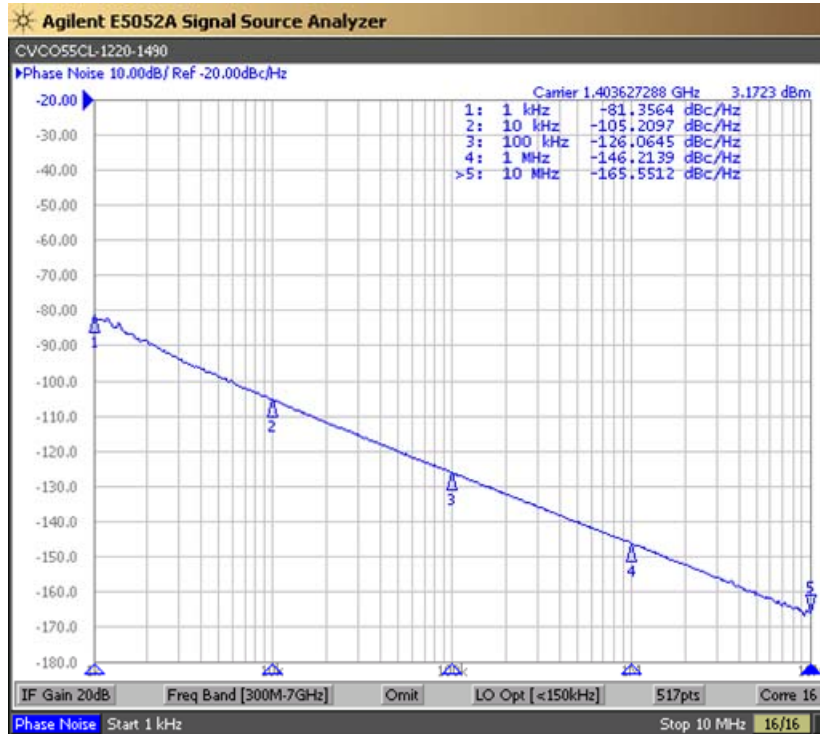
Proper ESD precautions should be taken to avoid performance degradation or loss of functionality.

Product Control:

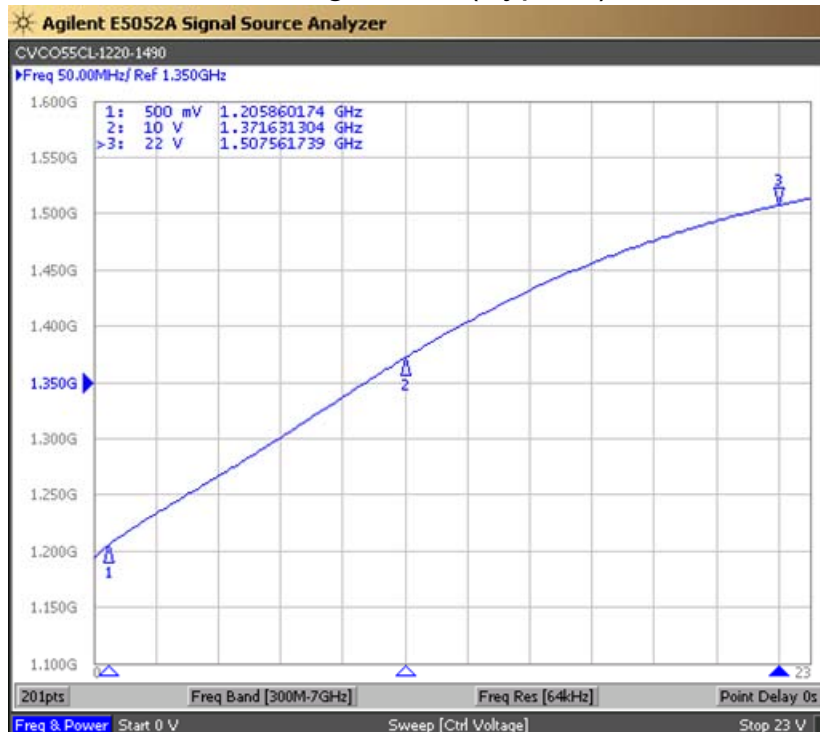
Crystek Part Number:	CRBV55CL-1220-1490	Release Date:	25-May-2022
Revision Level:	E	Responsible:	C. Vales



Phase Noise (1 Hz BW, Typical)



Tuning Curve (Typical)



Product Control:

Crystek Part Number:	CRBV55CL-1220-1490	Release Date:	25-May-2022
Revision Level:	E	Responsible:	C. Vales

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