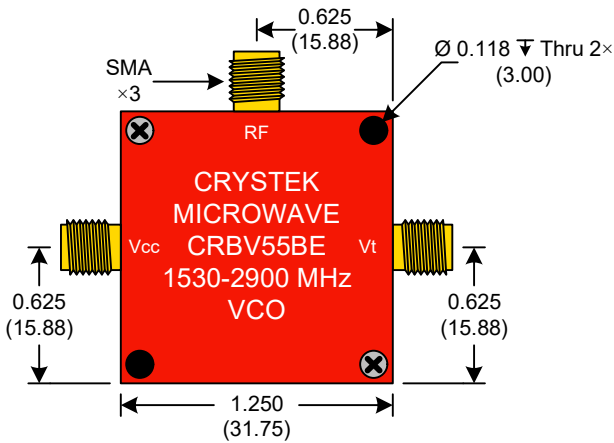


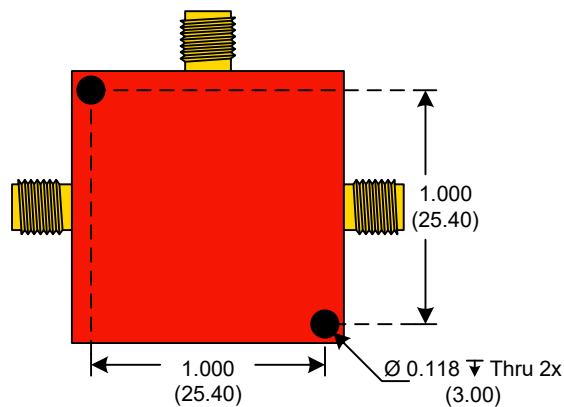


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			1530	MHz
Upper Frequency:	2900			MHz
Tuning Voltage:	0.5		20.0	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	+4.0	+7.0	+10.0	dBm
Supply Current:		15	30	mA
Harmonic Suppression (2 nd Harmonic)		-10	-5	dBc
Pushing:		10.0		MHz/V
Pulling, all Phases:		10.0	15.0	MHz pk-pk
Tuning Sensitivity:		100		MHz/V
Phase Noise @ 10kHz offset:		-87	-82	dBc/Hz
Phase Noise @ 100kHz offset:		-110	-106	dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			50	pF
Operating Temperature Range:	-30		+60	$^{\circ}\text{C}$
Storage Temperature Range:	-45		+90	$^{\circ}\text{C}$

FRONT



BACK



SIDE



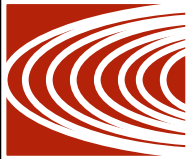
● Unless otherwise specified, Dimensions are in: $\frac{\text{IN}}{(\text{mm})}$



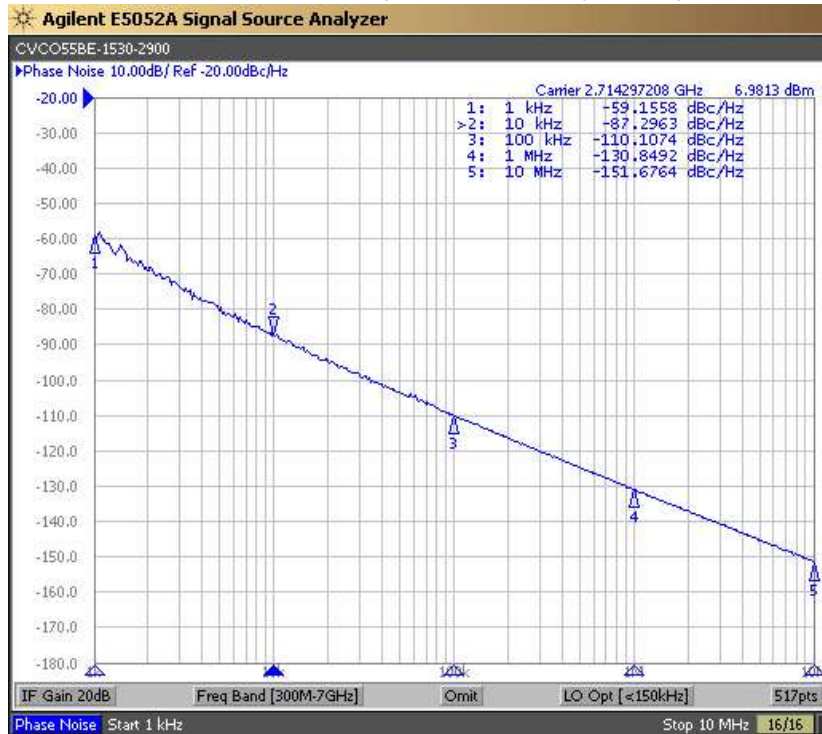
Proper ESD precautions should be taken to avoid performance degradation or loss of functionality.

Product Control:

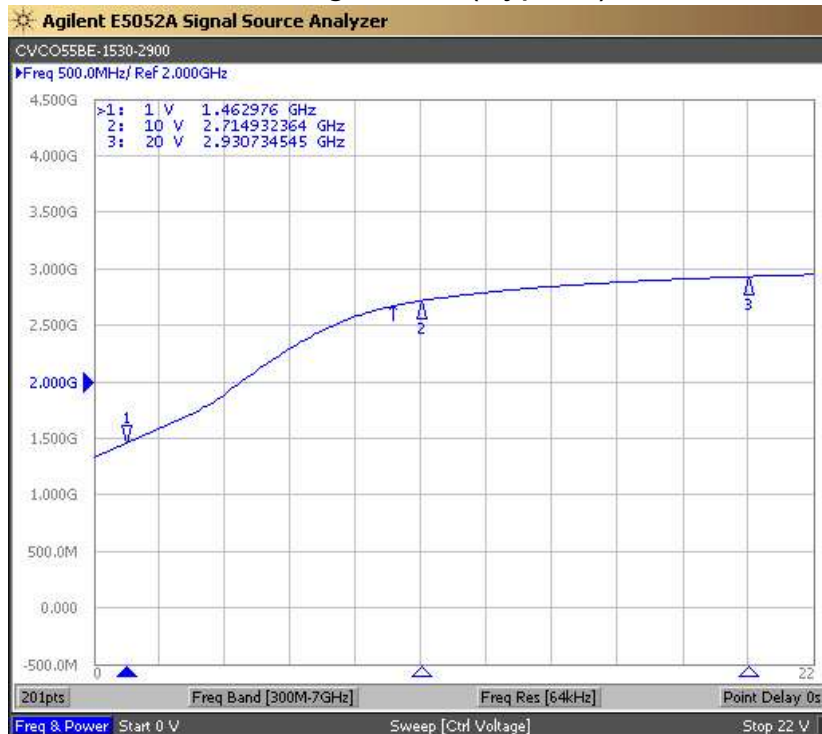
Crystek Part Number:	CRBV55BE-1530-2900	Release Date:	07-Jan-2026
Revision Level:	G	Responsible:	C. Vales



Phase Noise (1 Hz BW, Typical)



Tuning Curve (Typical)



Product Control:

Crystek Part Number:	CRBV55BE-1530-2900	Release Date:	07-Jan-2026
Revision Level:	G	Responsible:	C. Vales

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