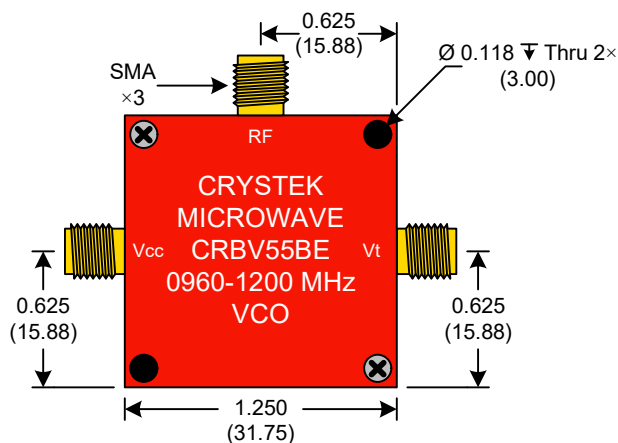
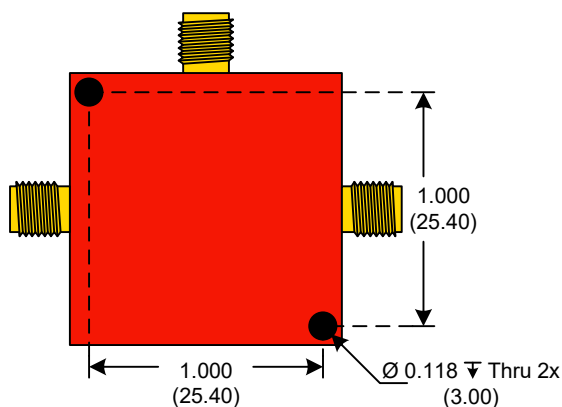


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			960	MHz
Upper Frequency:	1200			MHz
Tuning Voltage:	0.3		4.5	VDC
Supply Voltage:	2.85	3.0	3.15	VDC
Output Power:	0	+3.5	+7.0	dBm
Supply Current:		10		mA
Harmonic Suppression (2 nd Harmonic)		-10		dBc
Pushing:		4.0	7.0	MHz/V
Pulling, all Phases:		1.0	2.0	MHz pk-pk
Tuning Sensitivity:		150		MHz/V
Phase Noise @ 10kHz offset:		-95	-90	dBc/Hz
Phase Noise @ 100kHz offset:		-117	-110	dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			30	pF
Operating Temperature Range:	-40		+85	°C
Storage Temperature Range:	-45		+90	°C

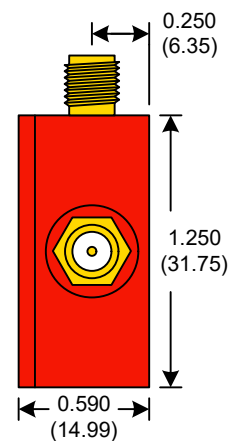
FRONT



BACK



SIDE



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

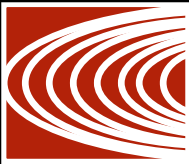


Proper ESD precautions should be taken to avoid performance degradation or loss of functionality.

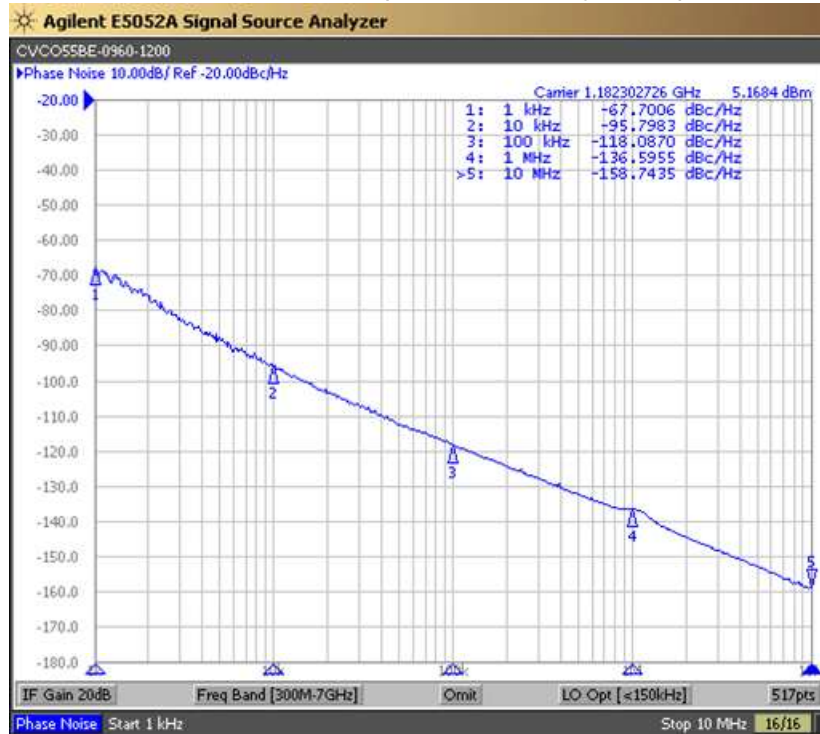
Product Control:

Crystek Part Number:	CRBV55BE-0960-1200	Release Date:	04-Nov-2025
Revision Level:	G	Responsible:	C. Vales





Phase Noise (1 Hz BW, Typical)



Tuning Curve (Typical)



Product Control:

Crystek Part Number:	CRBV55BE-0960-1200	Release Date:	04-Nov-2025
Revision Level:	G	Responsible:	C. Vales

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