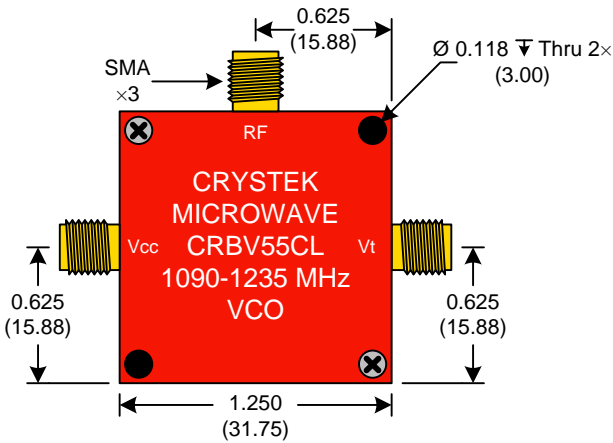




PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			1090	MHz
Upper Frequency:	1235			MHz
Tuning Voltage:	0.5		5.0	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	+3.0	+5.0	+7.0	dBm
Supply Current:			25	mA
Harmonic Suppression (2 nd Harmonic)		-20		dBc
Pushing:			1.0	MHz/V
Pulling, all Phases:			1.0	MHz pk-pk
Tuning Sensitivity:		40		MHz/V
Phase Noise @ 10kHz offset:		-104		dBc/Hz
Phase Noise @ 100kHz offset:		-126		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



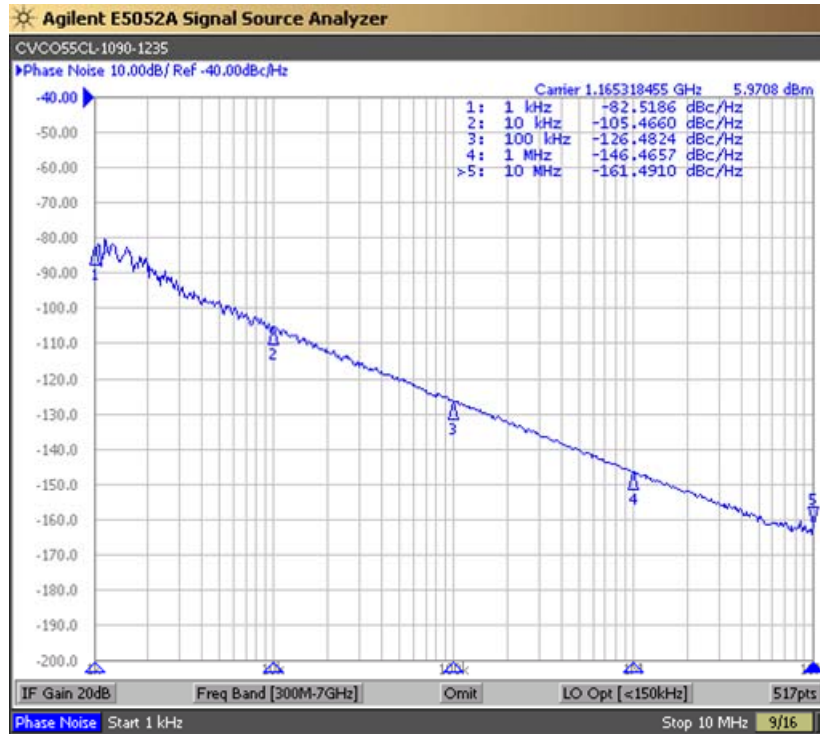
● Unless otherwise specified, Dimensions are in: $\frac{\text{IN}}{(\text{mm})}$

Product Control:

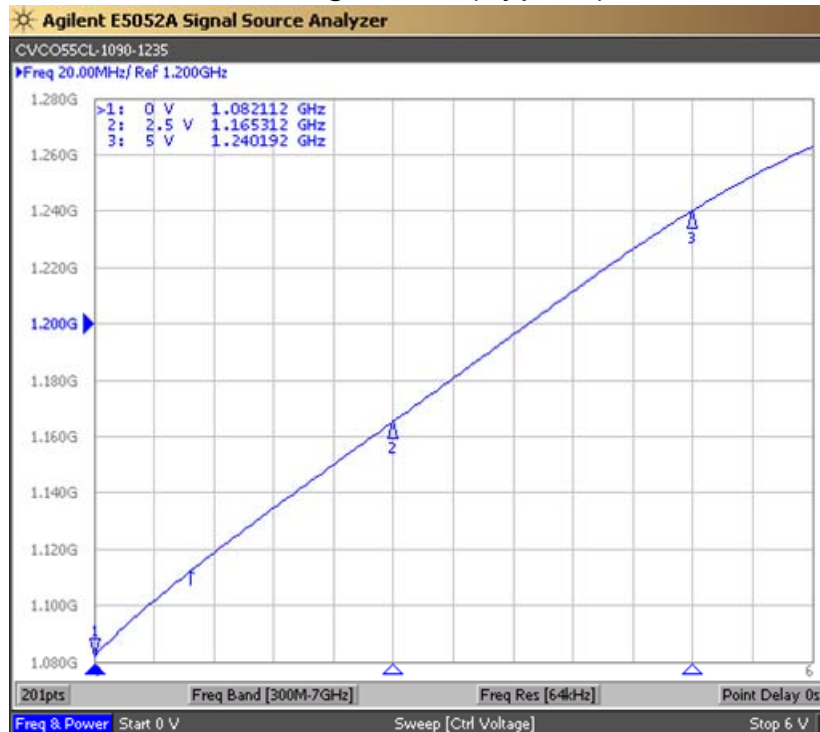
Crystek Part Number:	CRBV55CL-1090-1235	Release Date:	09-Nov-2015
Revision Level:	B	Responsible:	C. Vales



Phase Noise (1 Hz BW, Typical)



Tuning Curve (Typical)



Product Control:

Crystek Part Number:	CRBV55CL-1090-1235	Release Date:	09-Nov-2015
Revision Level:	B	Responsible:	C. Vales

Specification is subject to change without notice