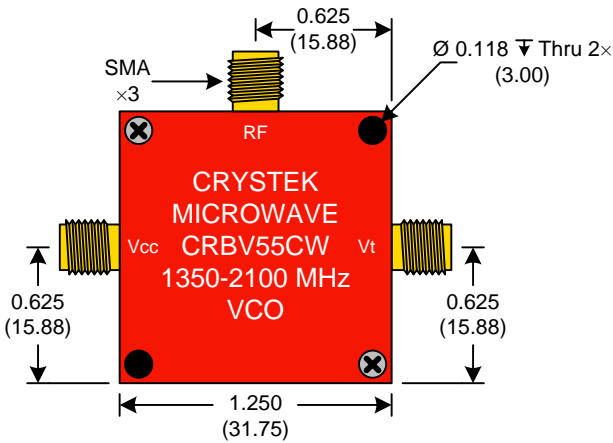




PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			1350	MHz
Upper Frequency:	2100			MHz
Tuning Voltage:	0.5		18.0	VDC
Supply Voltage:	7.6	8.0	8.4	VDC
Output Power:	+2.0	+5.0	+8.0	dBm
Supply Current:		25	35	mA
Harmonic Suppression (2 nd Harmonic)		-13	-9	dBc
Pushing:		1.5	3.0	MHz/V
Pulling, all Phases:		5.0	10.0	MHz pk-pk
Tuning Sensitivity:		70		MHz/V
Phase Noise @ 10kHz offset:		-100	-96	dBc/Hz
Phase Noise @ 100kHz offset:		-122	-118	dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			47	pF
Operating Temperature Range:	-40		+85	$^{\circ}\text{C}$
Storage Temperature Range:	-45		+90	$^{\circ}\text{C}$

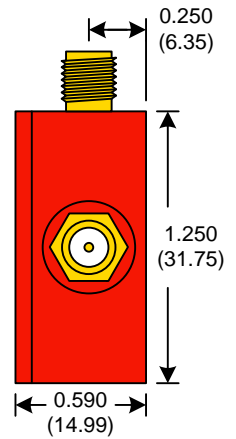
FRONT



BACK



SIDE



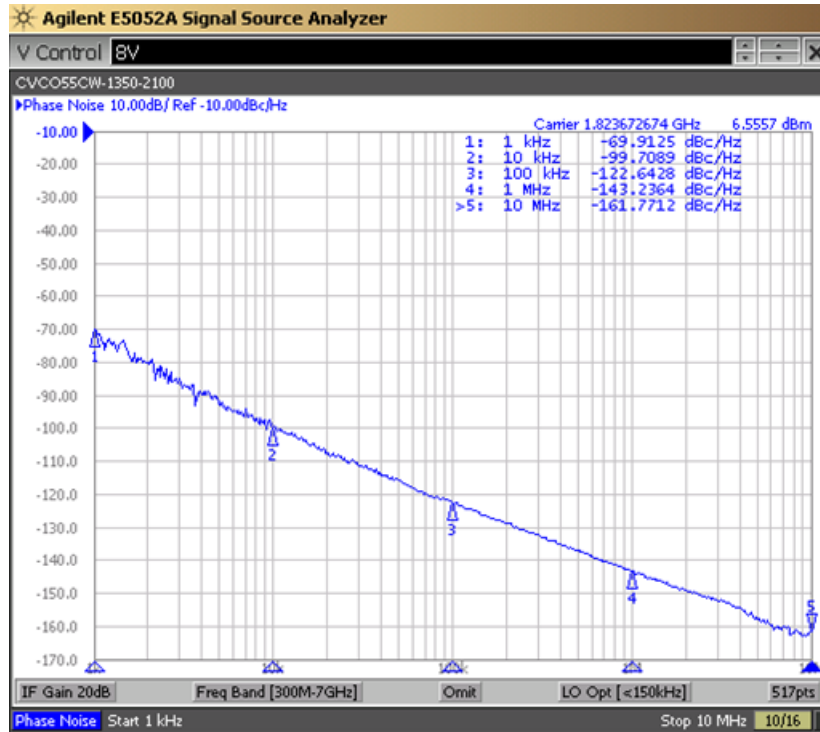
● Unless otherwise specified, Dimensions are in: $\frac{\text{IN}}{(\text{mm})}$

Product Control:

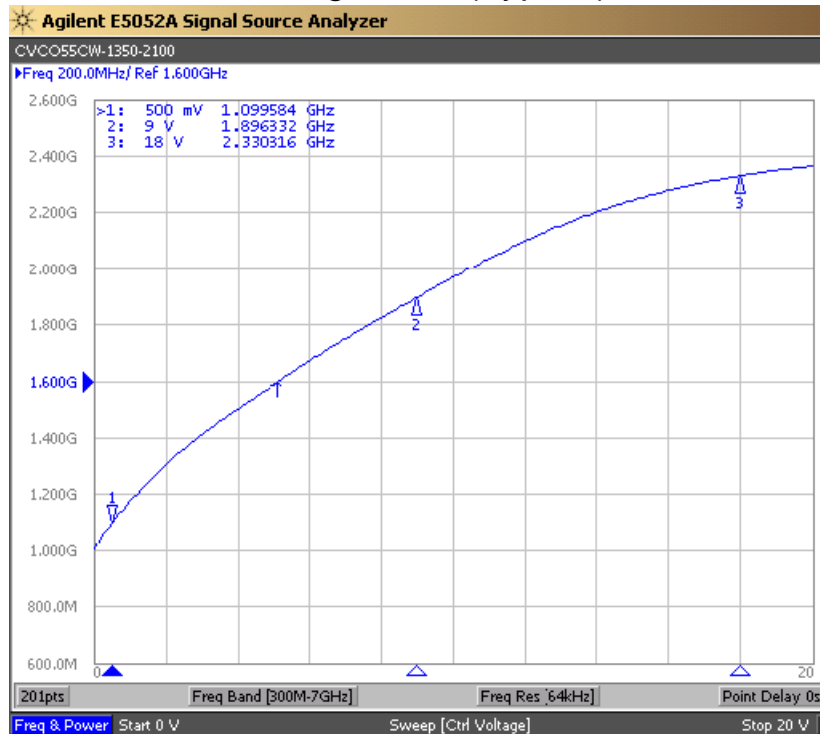
Crystek Part Number:	CRBV55CW-1350-2100	Release Date:	28-Jan-2016
Revision Level:	B	Responsible:	C. Vales



Phase Noise (1 Hz BW, Typical)



Tuning Curve (Typical)



Product Control:

Crystek Part Number:	CRBV55CW-1350-2100	Release Date:	28-Jan-2016
Revision Level:	B	Responsible:	C. Vales

Specification is subject to change without notice