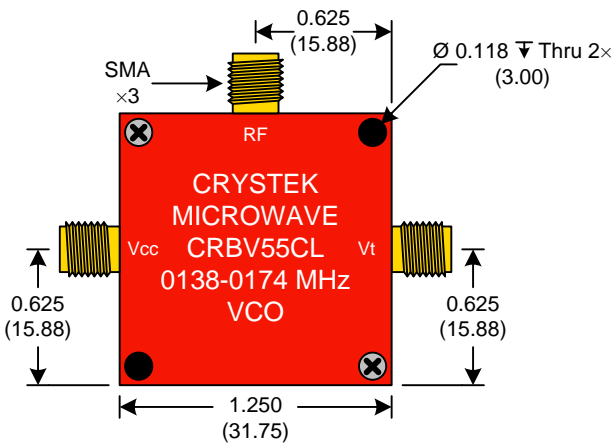


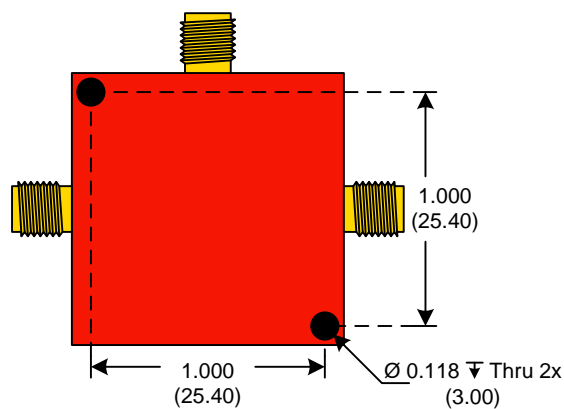


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			138	MHz
Upper Frequency:	174			MHz
Tuning Voltage:	1.5		3.5	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	-3.0	0	+3.0	dBm
Supply Current:		16	25	mA
Harmonic Suppression (2 <sup>nd</sup> Harmonic)		-15	-10	dBc
Pushing:		1.5	3.0	MHz/V
Pulling, all Phases:		0.5	1.0	MHz pk-pk
Tuning Sensitivity:		18		MHz/V
Phase Noise @ 10kHz offset:		-115	-110	dBc/Hz
Phase Noise @ 100kHz offset:		-137	-132	dBc/Hz
Load Impedance:		50		$\Omega$
Input Capacitance:			560	pF
Operating Temperature Range:	-40		+85	$^{\circ}\text{C}$
Storage Temperature Range:	-45		+90	$^{\circ}\text{C}$

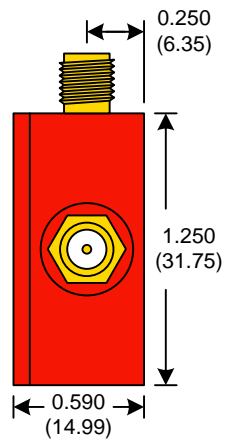
FRONT



BACK



SIDE



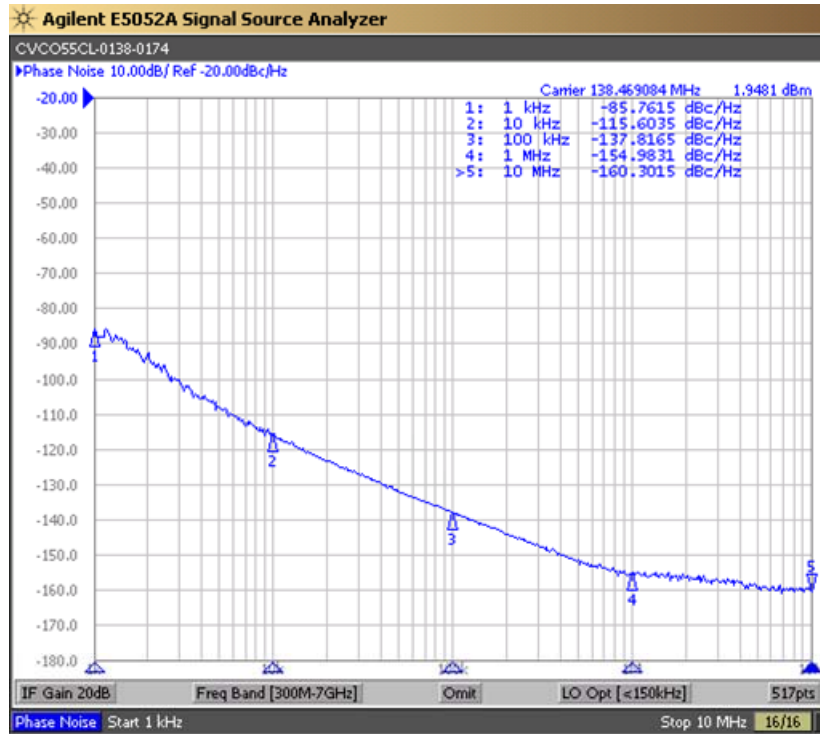
● Unless otherwise specified, Dimensions are in:  $\frac{\text{IN}}{(\text{mm})}$

**Product Control:**

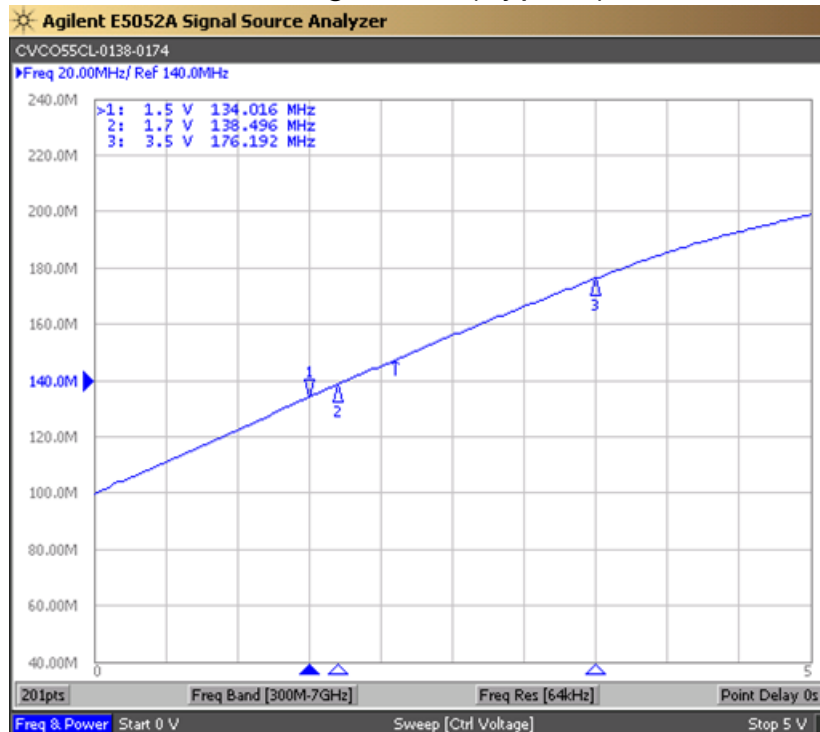
Crystek Part Number:	CRBV55CL-0138-0174	Release Date:	20-Jan-2015
Revision Level:	B	Responsible:	C. Vales



Phase Noise (1 Hz BW, Typical)



Tuning Curve (Typical)



**Product Control:**

Crystek Part Number:	CRBV55CL-0138-0174	Release Date:	20-Jan-2015
Revision Level:	B	Responsible:	C. Vales

Specification is subject to change without notice