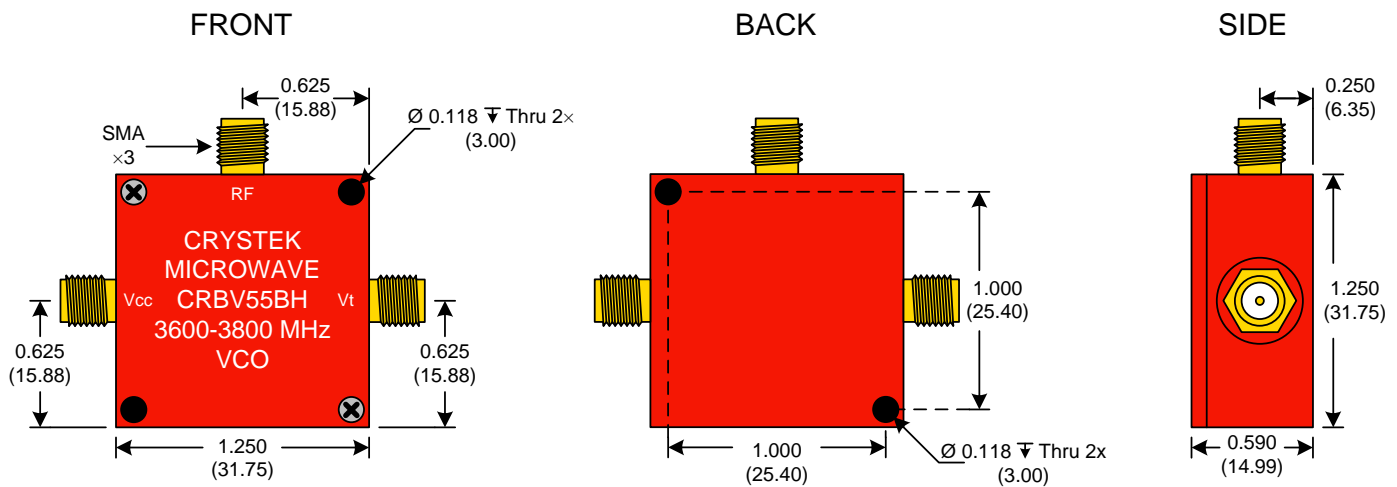




PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			3600	MHz
Upper Frequency:	3800			MHz
Tuning Voltage:	0.5		4.5	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	-2.0	+1.0	+4.0	dBm
Supply Current:		15	25	mA
Harmonic Suppression (2 nd Harmonic):		-15		dBc
Pushing:			3.0	MHz/V
Pulling, all Phases:			8.0	MHz pk-pk
Tuning Sensitivity:		100		MHz/V
Phase Noise @ 10kHz offset:		-90	-85	dBc/Hz
Phase Noise @ 100kHz offset:		-112	-108	dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			10	pF
Operating Temperature Range:	-40		+85	$^{\circ}\text{C}$
Storage Temperature Range:	-45		+90	$^{\circ}\text{C}$



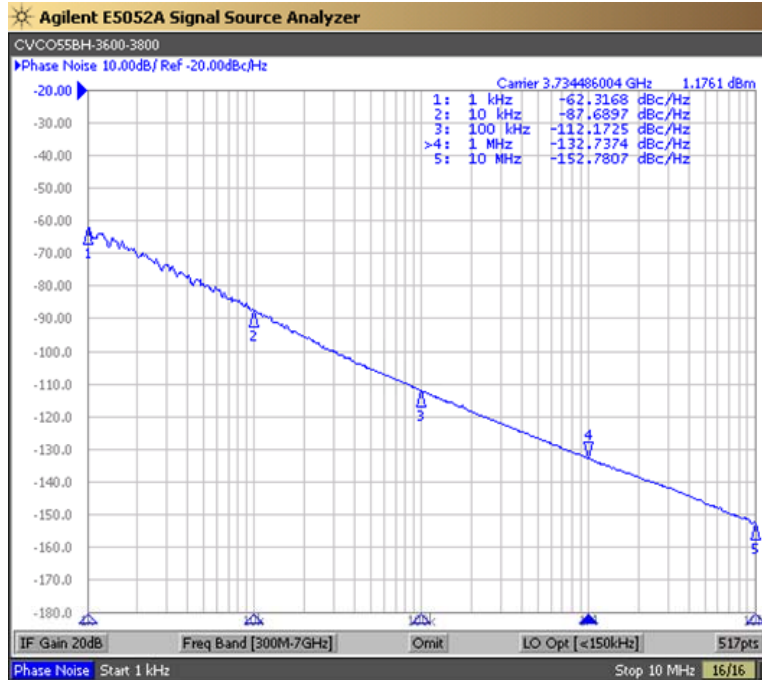
● Unless otherwise specified, Dimensions are in: $\frac{\text{IN}}{\text{(mm)}}$

Product Control:

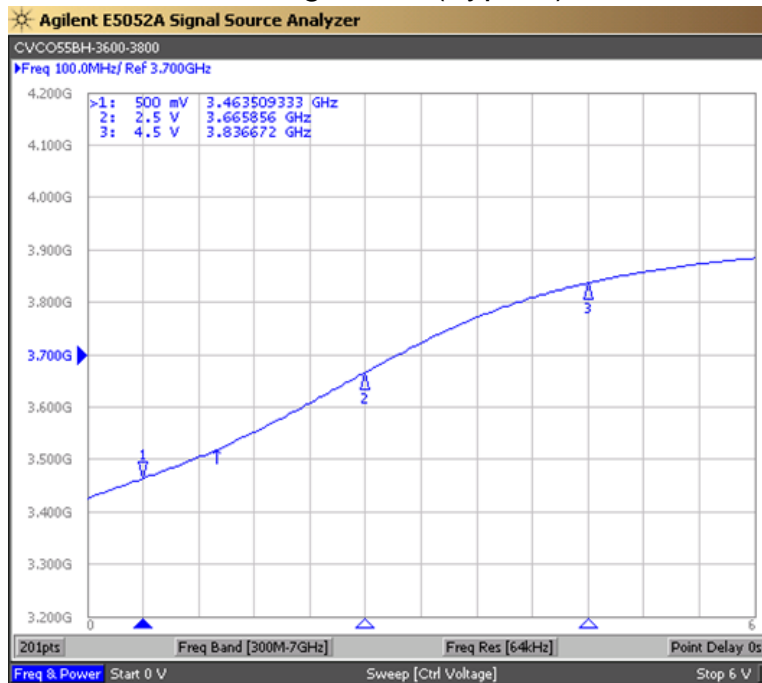
Crystek Part Number:	CRBV55BH-3600-3800	Release Date:	16-Oct-08
Revision Level:	A	Responsible:	C. Vales



Phase Noise (1 Hz BW, Typical)



Tuning Curve (Typical)



Product Control:

Crystek Part Number:	CRBV55BH-3600-3800	Release Date:	16-Oct-08
Revision Level:	A	Responsible:	C. Vales

Specification is subject to change without notice

