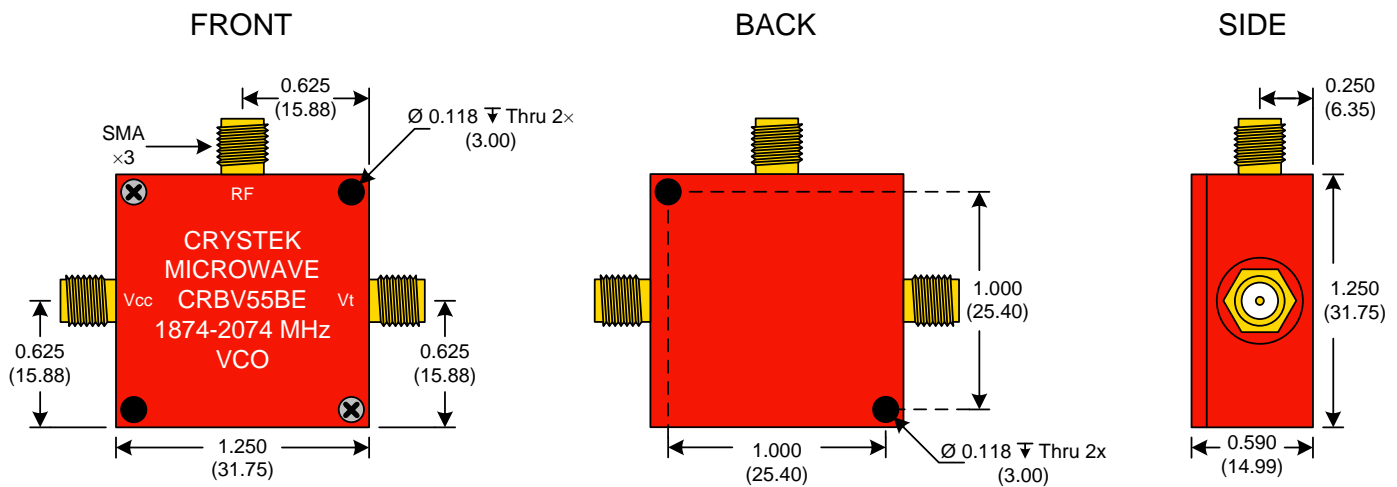




PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			1874	MHz
Upper Frequency:	2074			MHz
Tuning Voltage:	0.5		4.5	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	+3.0	+5.0	+7.0	dBm
Supply Current:			35	mA
Harmonic Suppression (2 nd Harmonic)		-15		dBc
Pushing:			1.0	MHz/V
Pulling, all Phases:			12.0	MHz pk-pk
Tuning Sensitivity:		75		MHz/V
Phase Noise @ 10kHz offset:		-100	-110	dBc/Hz
Phase Noise @ 100kHz offset:		-118	-130	dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			32	pF
Operating Temperature Range:	-40		+85	$^{\circ}\text{C}$
Storage Temperature Range:	-45		+90	$^{\circ}\text{C}$



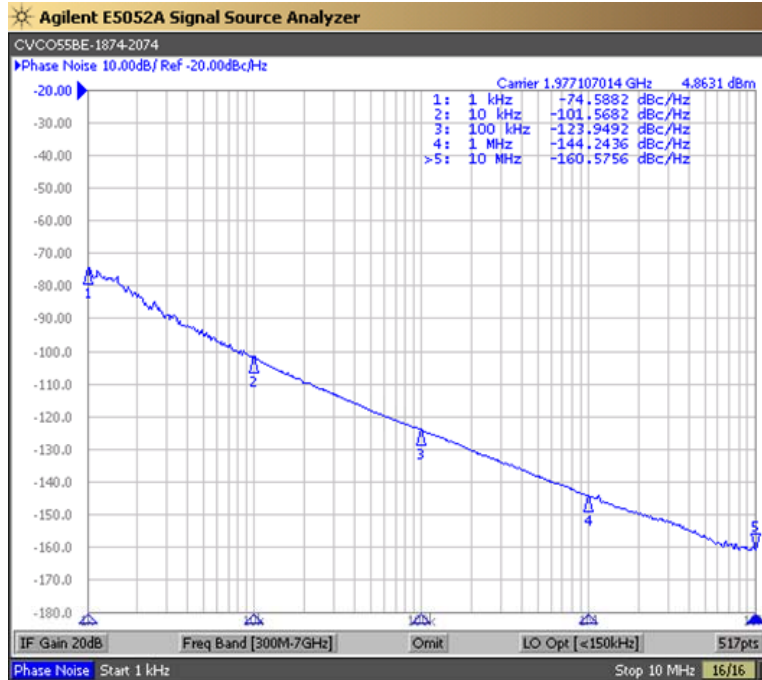
● Unless otherwise specified, Dimensions are in: $\frac{\text{IN}}{\text{mm}}$

Product Control:

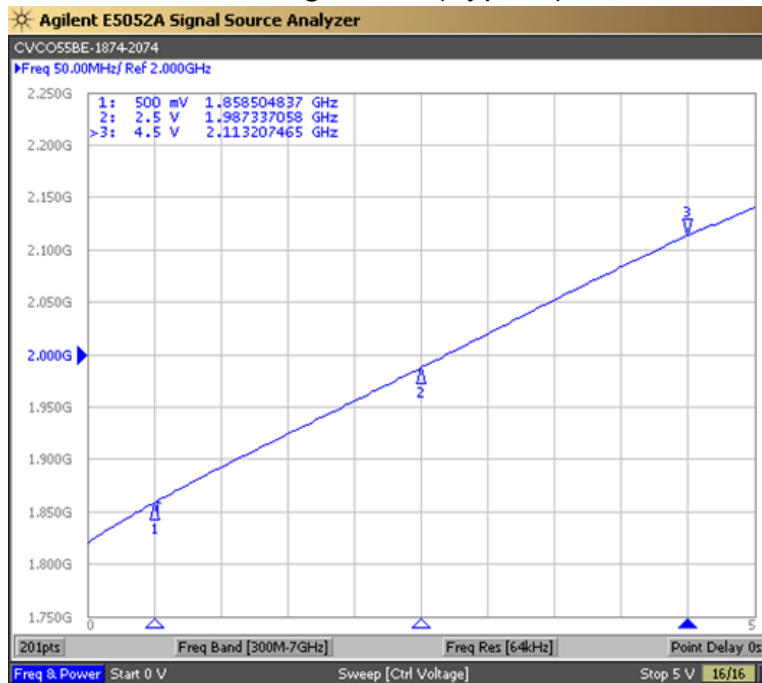
Crystek Part Number:	CRBV55BE-1874-2074	Release Date:	24-Sep-08
Revision Level:	A	Responsible:	C. Vales



Phase Noise (1 Hz BW, Typical)



Tuning Curve (Typical)



Product Control:

Crystek Part Number:	CRBV55BE-1874-2074	Release Date:	24-Sep-08
Revision Level:	A	Responsible:	C. Vales

Specification is subject to change without notice

