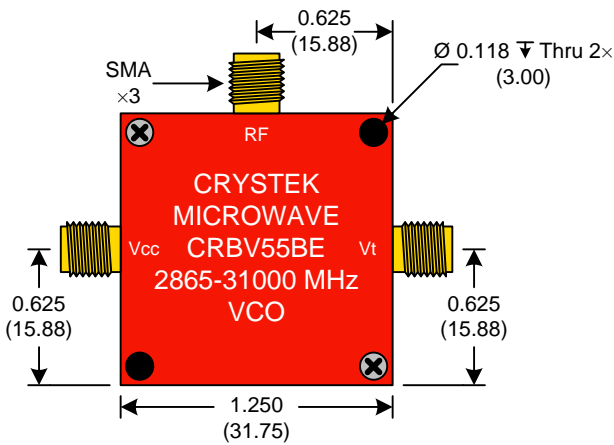


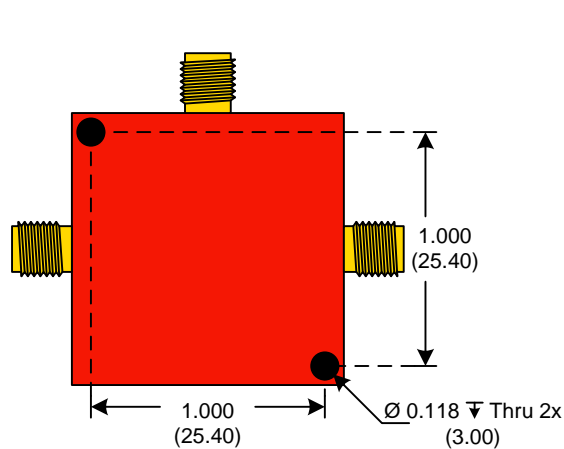


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			2865	MHz
Upper Frequency:	3100			MHz
Tuning Voltage:	0.5		4.5	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	+2.0	+4.0	+6.0	dBm
Supply Current:		15	20	mA
Harmonic Suppression (2 nd Harmonic)		-15	-10	dBc
Pushing:		1.5	2.0	MHz/V
Pulling, all Phases:		14	20	MHz pk-pk
Tuning Sensitivity:		110		MHz/V
Phase Noise @ 10kHz offset:		-91	-87	dBc/Hz
Phase Noise @ 100kHz offset:		-110	-106	dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			15	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: $\frac{\text{IN}}{(\text{mm})}$

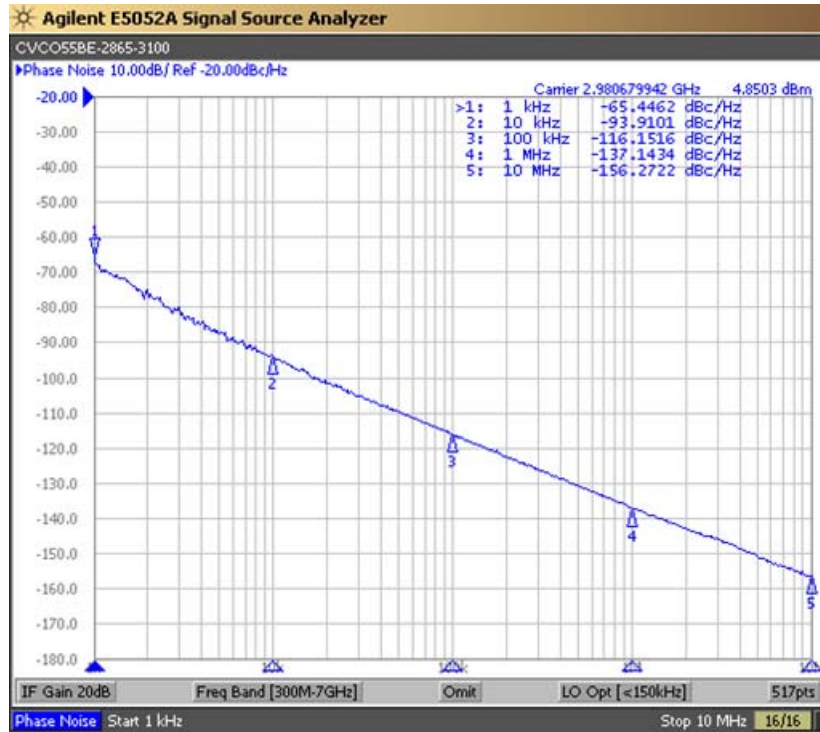
Product Control:

Crystek Part Number:	CRBV55BE-2865-3100	Release Date:	17-Jun-2014
Revision Level:	B	Responsible:	C. Vales

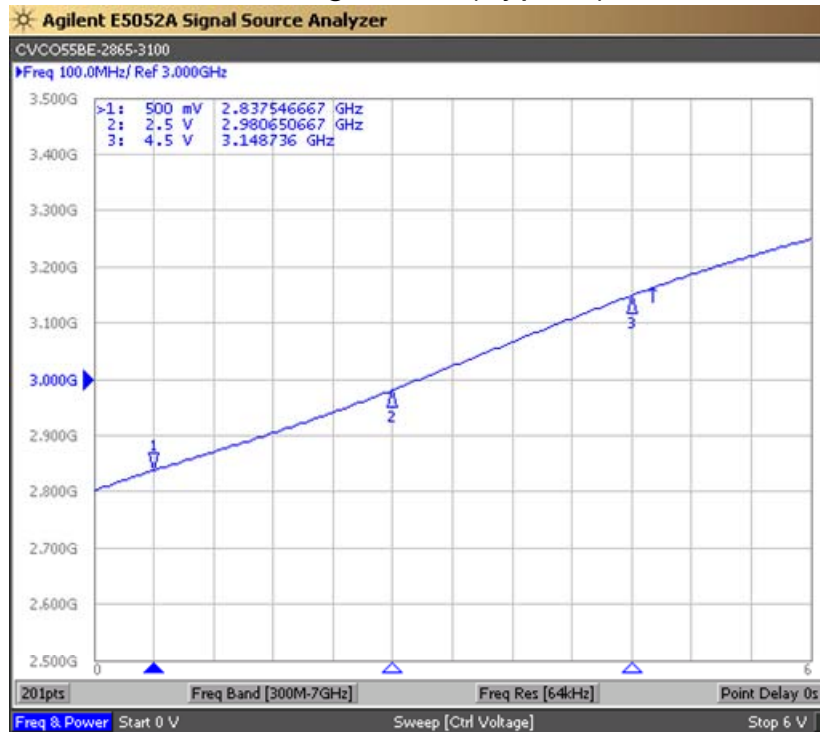




Phase Noise (1 Hz BW, Typical)



Tuning Curve (Typical)



Product Control:

Crystek Part Number:	CRBV55BE-2865-3100	Release Date:	17-Jun-2014
Revision Level:	B	Responsible:	C. Vales

Specification is subject to change without notice

