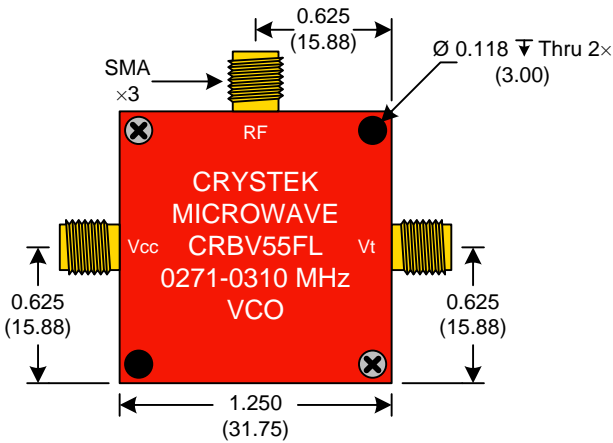




PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			271	MHz
Upper Frequency:	310			MHz
Tuning Voltage:	0.5		4.5	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	-3.0	0	+3.0	dBm
Supply Current:			5	mA
Harmonic Suppression (2 nd Harmonic)		-15	-10	dBc
Pushing:		1.0		MHz/V
Pulling, all Phases:		2.0		MHz pk-pk
Tuning Sensitivity:		15		MHz/V
Phase Noise @ 10kHz offset:		-114		dBc/Hz
Phase Noise @ 100kHz offset:		-136		dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			330	pF
Operating Temperature Range:	-30		+80	$^{\circ}\text{C}$
Storage Temperature Range:	-45		+90	$^{\circ}\text{C}$

FRONT



BACK



SIDE

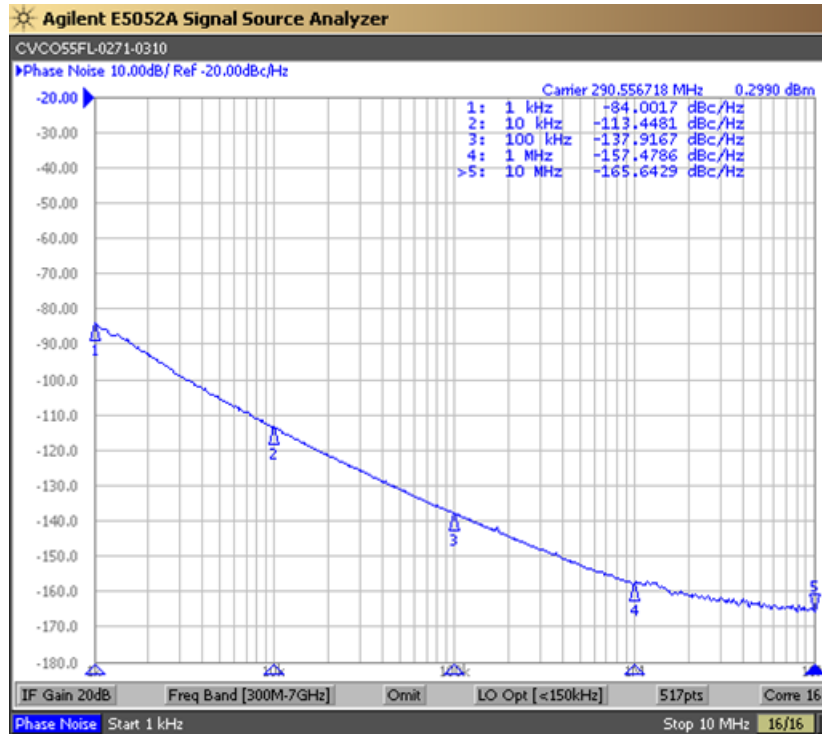


● Unless otherwise specified, Dimensions are in: $\frac{\text{IN}}{(\text{mm})}$

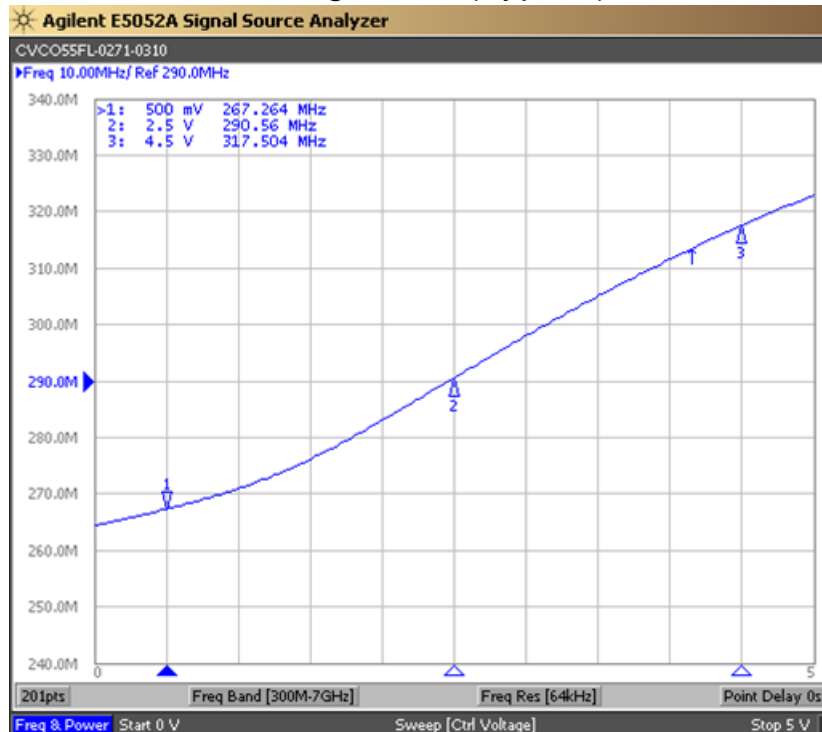
Product Control:			
Crystek Part Number:	CRBV55FL-0271-0310	Release Date:	24-Feb-2015
Revision Level:	A	Responsible:	C. Vales



Phase Noise (1 Hz BW, Typical)



Tuning Curve (Typical)



Product Control:

Crystek Part Number:	CRBV55FL-0271-0310	Release Date:	24-Feb-2015
Revision Level:	A	Responsible:	C. Vales

Specification is subject to change without notice