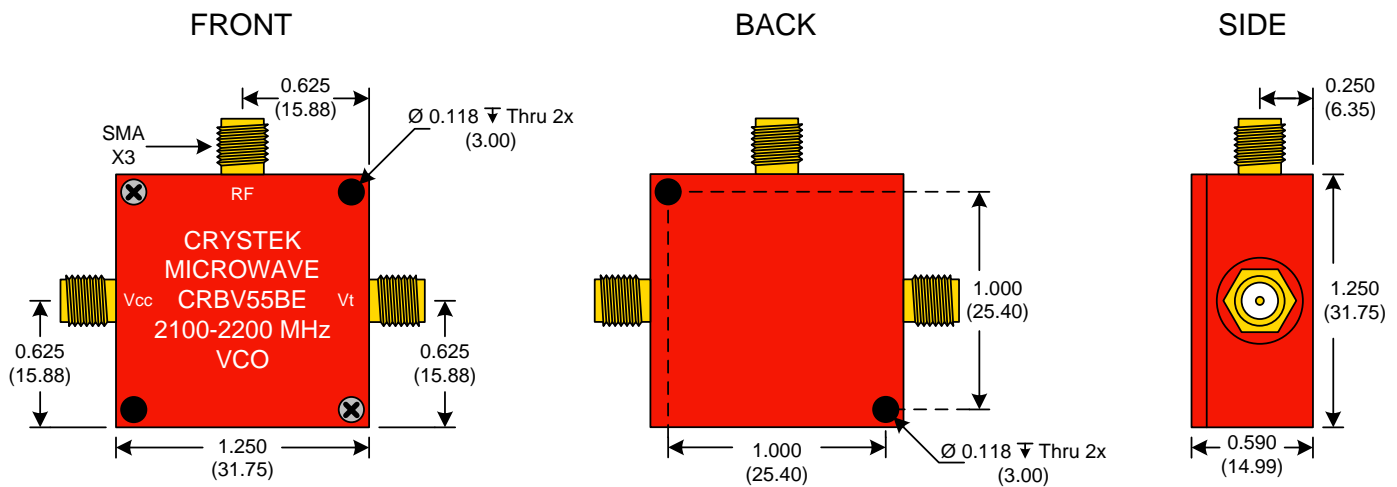




PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			2100	MHz
Upper Frequency:	2200			MHz
Tuning Voltage:	0.5		4.5	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	+2.0	+4.0	+6.0	dBm
Supply Current:		15	30	mA
Harmonic Suppression (2 <sup>nd</sup> Harmonic)		-12		dBc
Pushing:		5.0		MHz/V
Pulling, all Phases:		10.0		MHz pk-pk
Tuning Sensitivity:		50		MHz/V
Phase Noise @ 10kHz offset:		-98		dBc/Hz
Phase Noise @ 100kHz offset:		-120		dBc/Hz
Load Impedance:		50		$\Omega$
Input Capacitance:			47	pF
Operating Temperature Range:	-30		+75	$^{\circ}\text{C}$
Storage Temperature Range:	-45		+90	$^{\circ}\text{C}$

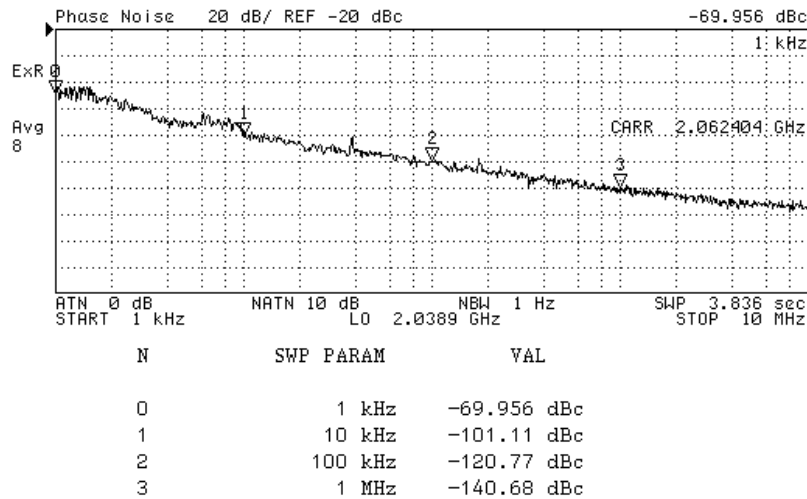


● Unless otherwise specified, Dimensions are in:  $\frac{\text{IN}}{\text{(mm)}}$

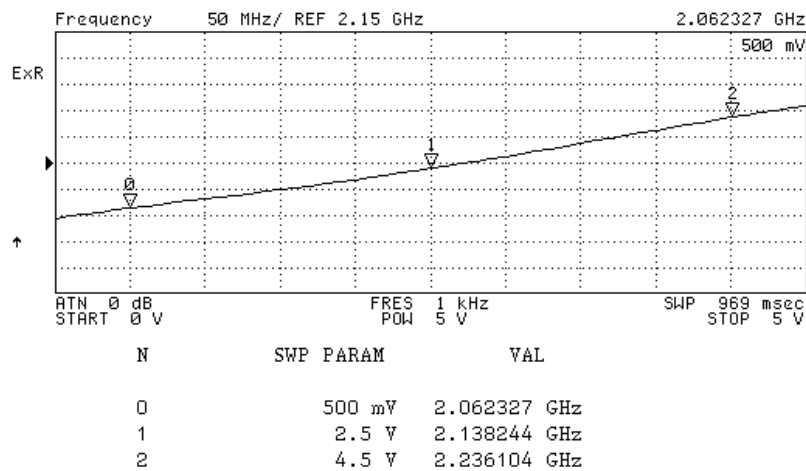
**Product Control:**

Crystek Part Number:	CRBV55BE-2100-2200	Release Date:	12-Dec-07
Revision Level:	B	Responsible:	C. Vales

Phase Noise (1 Hz BW, Typical)



Tuning Curve (Typical)



**Product Control:**

Crystek Part Number:	CRBV55BE-2100-2200	Release Date:	12-Dec-07
Revision Level:	B	Responsible:	C. Vales

Specification is subject to change without notice