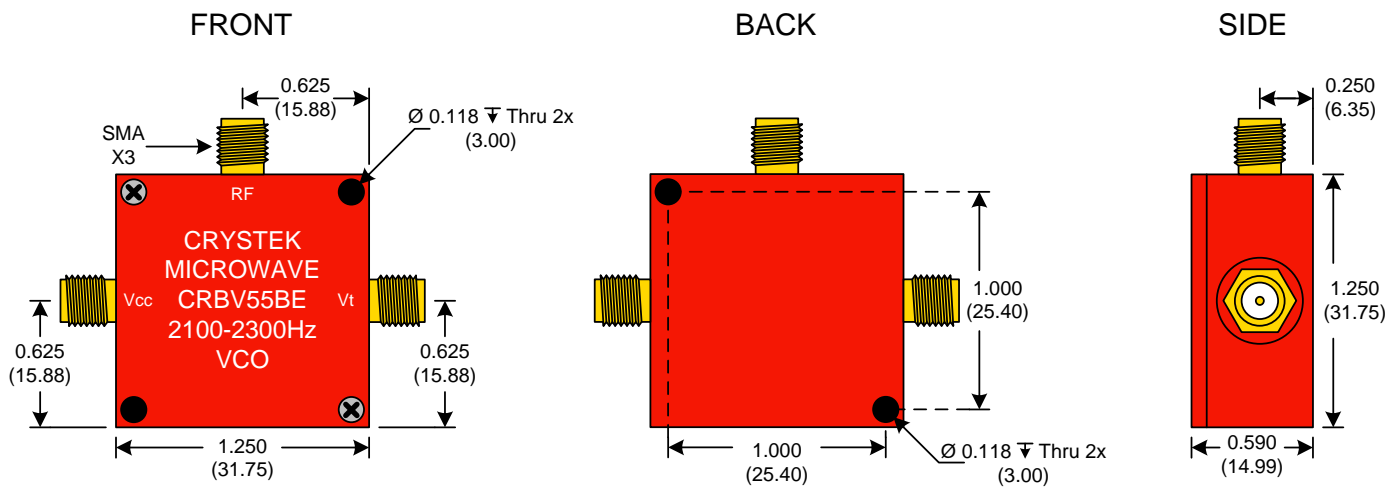




PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			2100	MHz
Upper Frequency:	2300			MHz
Tuning Voltage:	0.3		4.7	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	-3.0	0	+3.0	dBm
Supply Current:			25	mA
Harmonic Suppression (2 <sup>nd</sup> Harmonic)		-18		dBc
Pushing:			2.0	MHz/V
Pulling, all Phases:			6.0	MHz pk-pk
Tuning Sensitivity:		60		MHz/V
Phase Noise @ 10kHz offset:		-103		dBc/Hz
Phase Noise @ 100kHz offset:		-124		dBc/Hz
Load Impedance:		50		$\Omega$
Input Capacitance:			22	pF
Operating Temperature Range:	-40		+85	$^{\circ}\text{C}$
Storage Temperature Range:	-45		+90	$^{\circ}\text{C}$

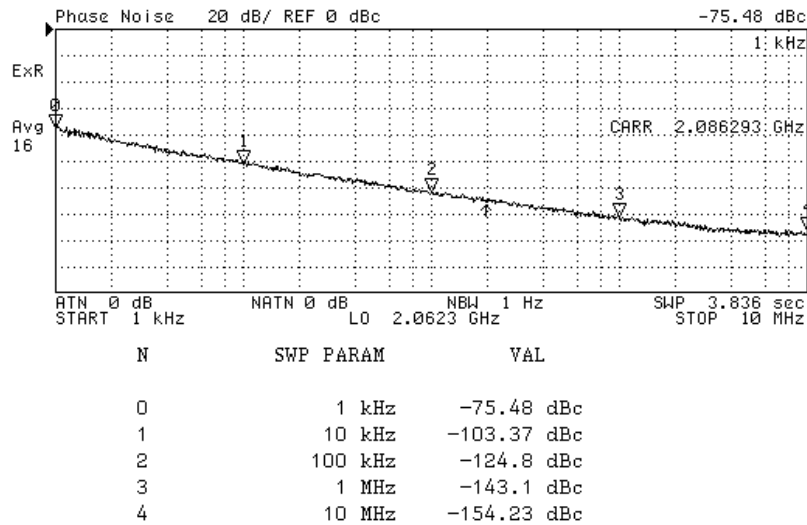


● Unless otherwise specified, Dimensions are in:  $\frac{\text{IN}}{\text{(mm)}}$

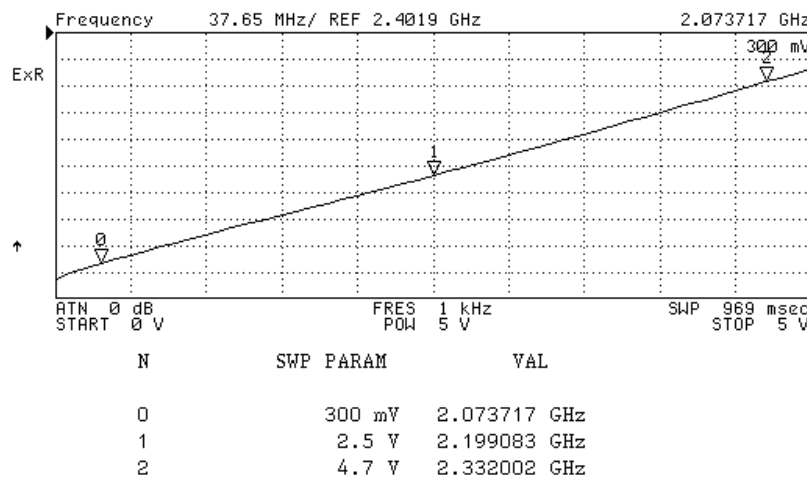
**Product Control:**

Crystek Part Number:	CRBV55BE-2100-2300	Release Date:	20-Dec-07
Revision Level:	A	Responsible:	C. Vales

Phase Noise (1 Hz BW, Typical)



Tuning Curve (Typical)



**Product Control:**

Crystek Part Number:	CRBV55BE-2100-2300	Release Date:	20-Dec-07
Revision Level:	A	Responsible:	C. Vales

Specification is subject to change without notice