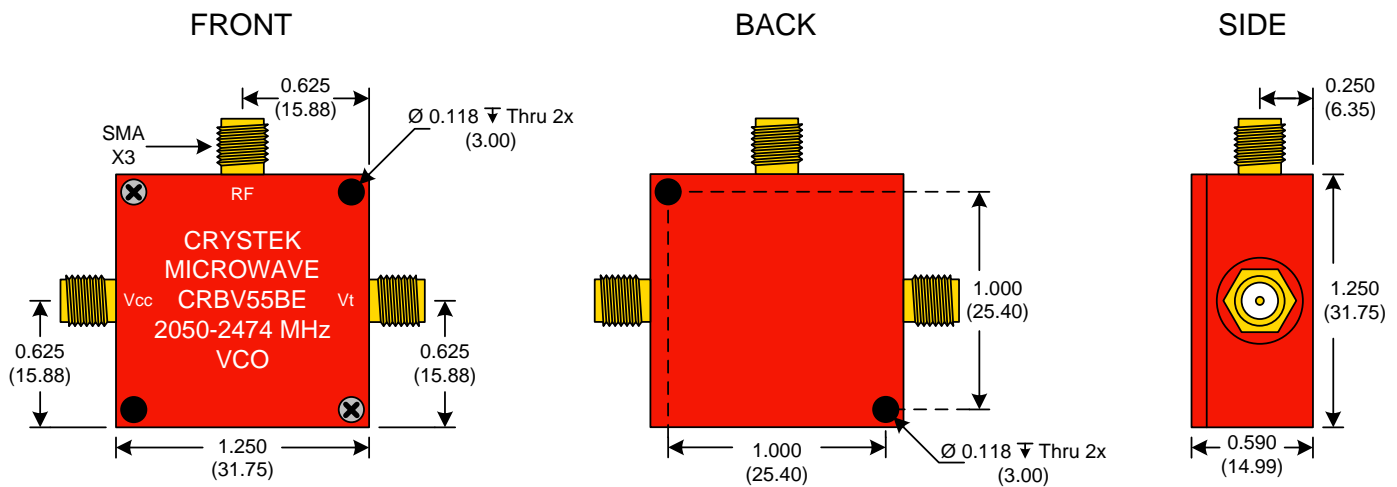




PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			2050	MHz
Upper Frequency:	2474			MHz
Tuning Voltage:	0		16.0	VDC
Supply Voltage:	7.6	8.0	8.4	VDC
Output Power:	-5.0	-2.5	0	dBm
Supply Current:		28		mA
Harmonic Suppression (2 <sup>nd</sup> Harmonic)		-15	-8	dBc
Pushing:		0.5		MHz/V
Pulling, all Phases:		1.0		MHz pk-pk
Tuning Sensitivity:		30		MHz/V
Phase Noise @ 10kHz offset:		-103	-99	dBc/Hz
Phase Noise @ 100kHz offset:		-125	-120	dBc/Hz
Load Impedance:		50		$\Omega$
Input Capacitance:			47	pF
Operating Temperature Range:	-40		+75	$^{\circ}\text{C}$
Storage Temperature Range:	-45		+90	$^{\circ}\text{C}$



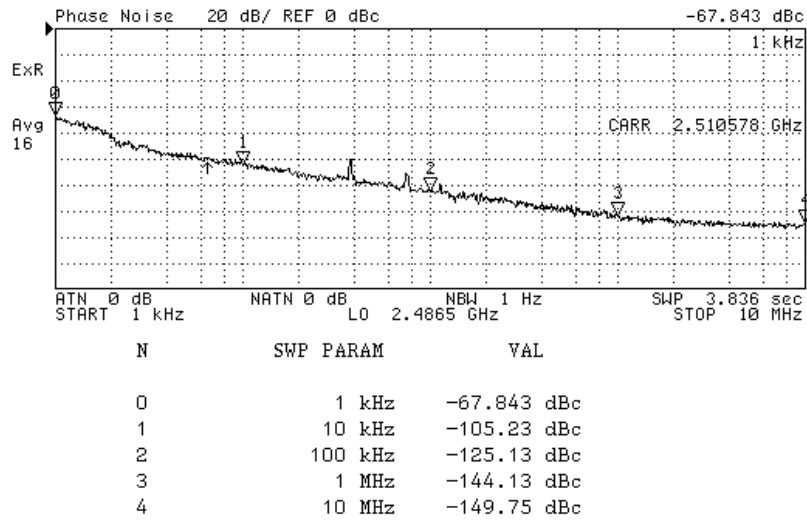
● Unless otherwise specified, Dimensions are in:  $\frac{\text{IN}}{\text{(mm)}}$

**Product Control:**

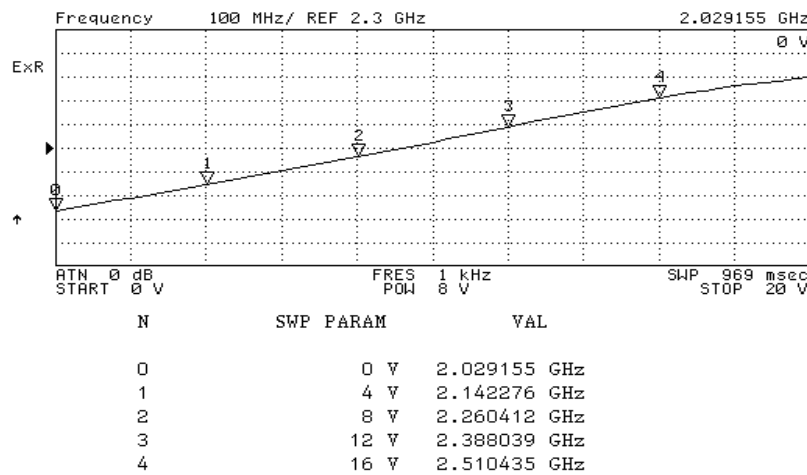
Crystek Part Number:	CRBV55BE-2050-2474	Release Date:	12-Dec-07
Revision Level:	B	Responsible:	C. Vales



Phase Noise (1 Hz BW, Typical)



Tuning Curve (Typical)



**Product Control:**

Crystek Part Number:	CRBV55BE-2050-2474	Release Date:	12-Dec-07
Revision Level:	B	Responsible:	C. Vales

Specification is subject to change without notice