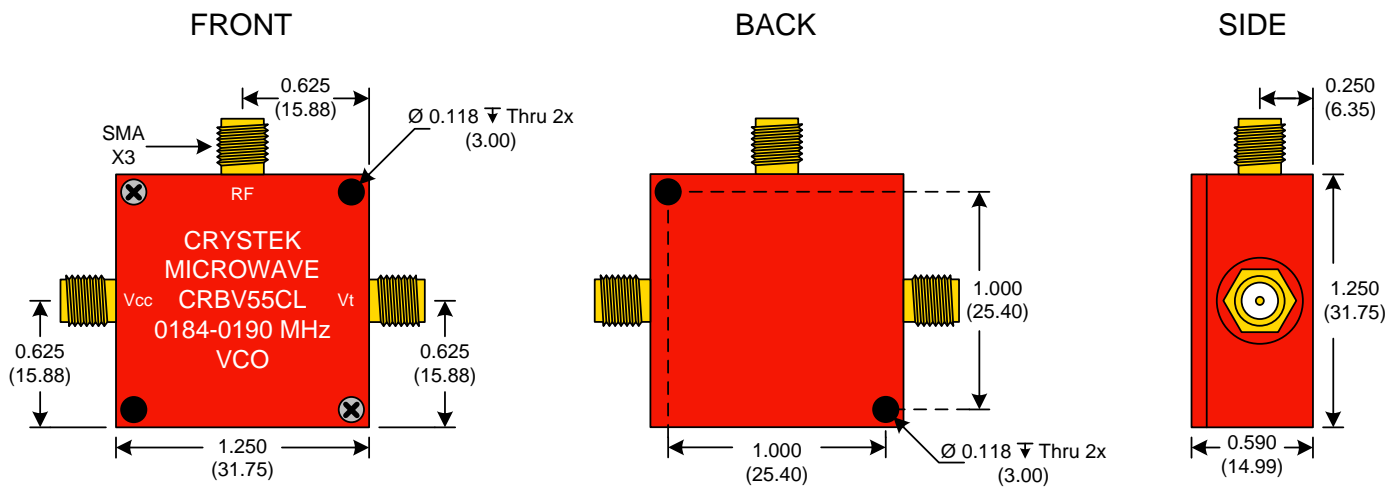




PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			184	MHz
Upper Frequency:	190			MHz
Tuning Voltage:	0.0		5.0	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	-3.0	0	+3.0	dBm
Supply Current:		7		mA
Harmonic Suppression (2 <sup>nd</sup> Harmonic)		-20		dBc
Pushing:		1.0		MHz/V
Pulling, all Phases:		1.0		MHz pk-pk
Tuning Sensitivity:		3		MHz/V
Phase Noise @ 10kHz offset:		-105	-102	dBc/Hz
Phase Noise @ 100kHz offset:		-126	-123	dBc/Hz
Load Impedance:		50		$\Omega$
Input Capacitance:			100	pF
Operating Temperature Range:	-40		+70	$^{\circ}\text{C}$
Storage Temperature Range:	-45		+90	$^{\circ}\text{C}$



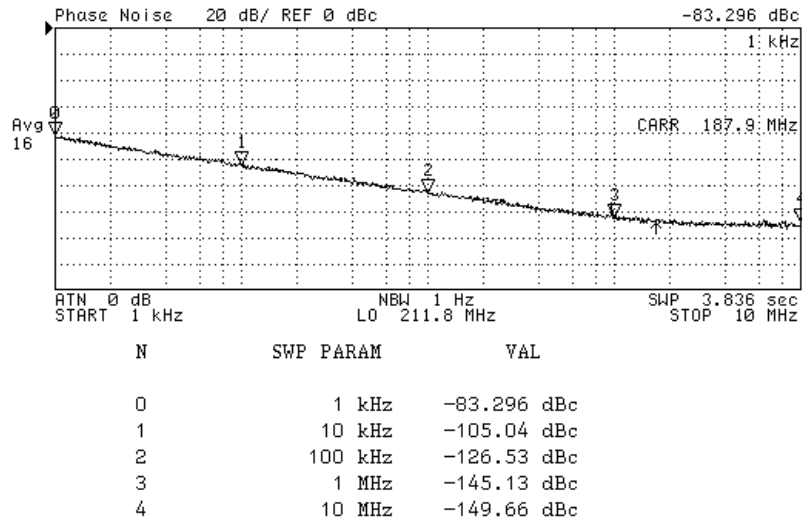
● Unless otherwise specified, Dimensions are in:  $\frac{\text{IN}}{\text{(mm)}}$

**Product Control:**

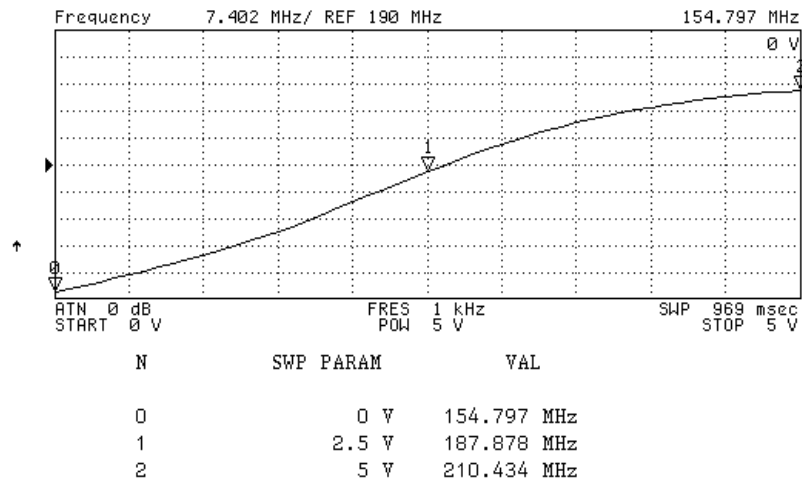
Crystek Part Number:	CRBV55CL-0184-0190	Release Date:	07-Jan-08
Revision Level:	A	Responsible:	C. Vales



Phase Noise (1 Hz BW, Typical)



Tuning Curve (Typical)



**Product Control:**

Crystek Part Number:	CRBV55CL-0184-0190	Release Date:	07-Jan-08
Revision Level:	A	Responsible:	C. Vales

Specification is subject to change without notice