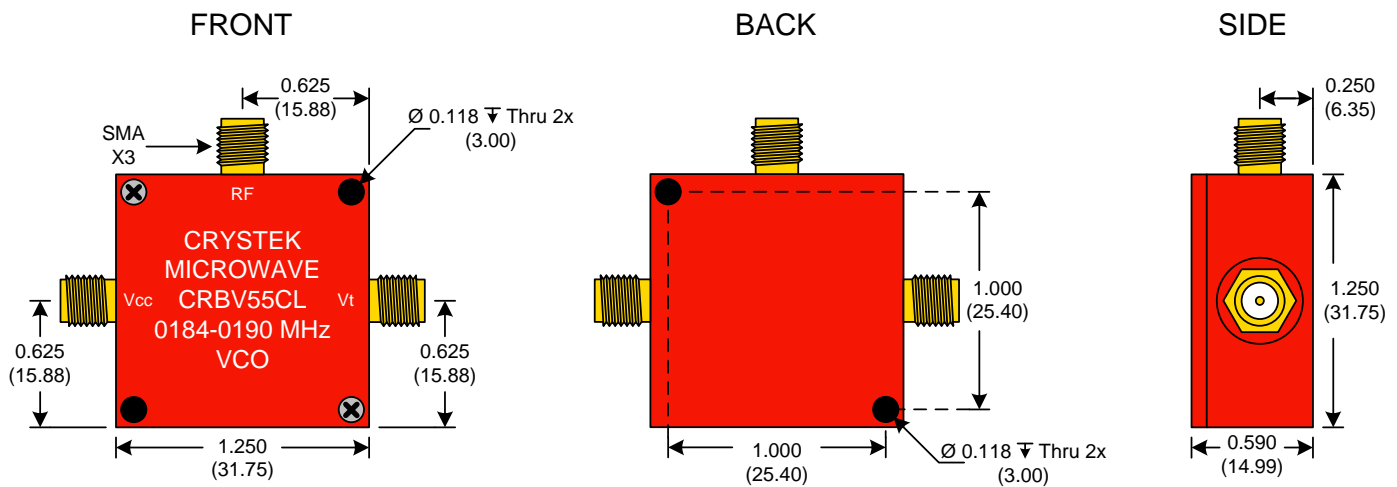




PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			184	MHz
Upper Frequency:	190			MHz
Tuning Voltage:	0.0		5.0	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	-3.0	0	+3.0	dBm
Supply Current:		7		mA
Harmonic Suppression (2 nd Harmonic)		-20		dBc
Pushing:		1.0		MHz/V
Pulling, all Phases:		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		Ω
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: $\frac{\text{IN}}{\text{(mm)}}$

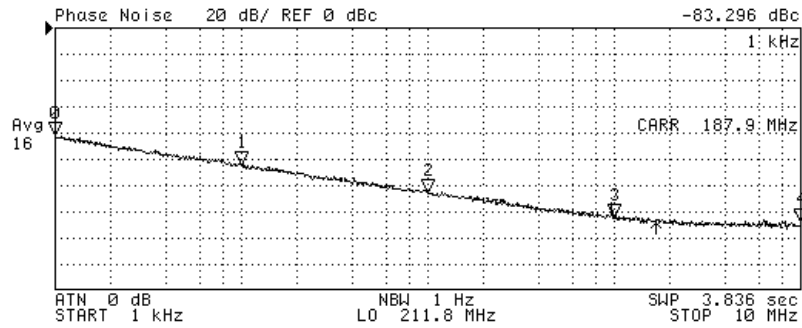
Product Control:

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



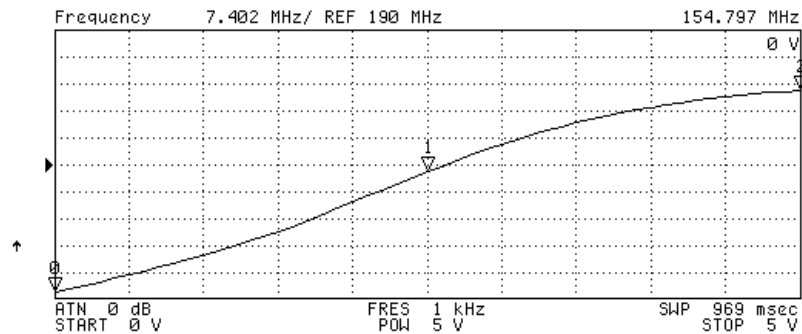


Phase Noise (1 Hz BW, Typical)



N	SWP PARAM	VAL
0	1 kHz	-83.296 dBc
1	10 kHz	-105.04 dBc
2	100 kHz	-126.53 dBc
3	1 MHz	-145.13 dBc
4	10 MHz	-149.66 dBc

Tuning Curve (Typical)



N	SWP PARAM	VAL
0	0 V	154.797 MHz
1	2.5 V	187.878 MHz
2	5 V	210.434 MHz

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

