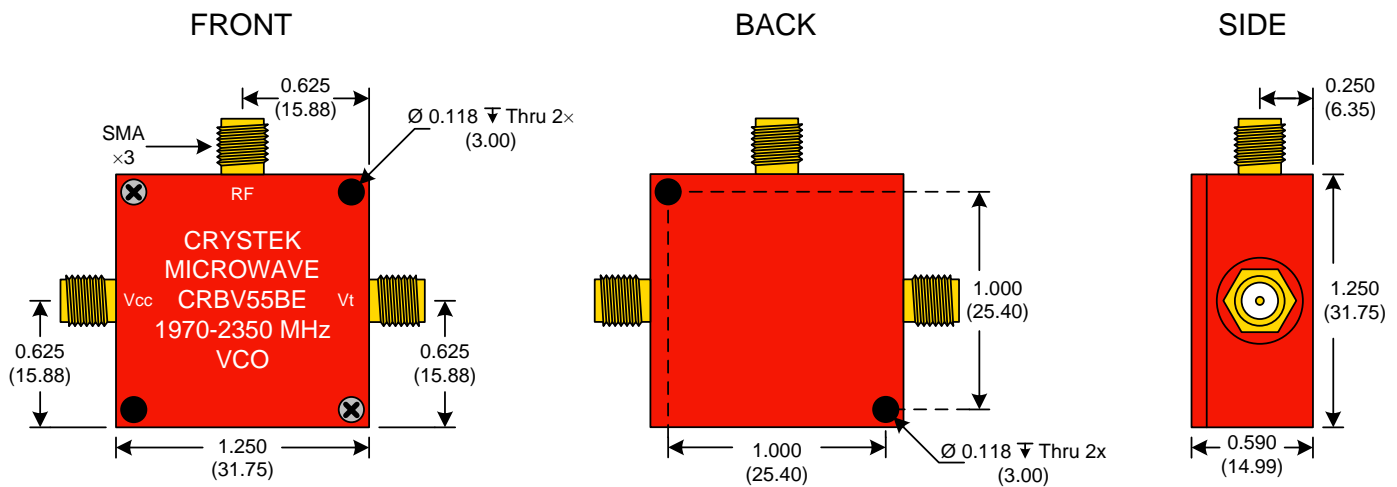




PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			1970	MHz
Upper Frequency:	2350			MHz
Tuning Voltage:	1.0		14.0	VDC
Supply Voltage:	6.175	6.5	6.825	VDC
Output Power:	+3.0	+5.0	+7.0	dBm
Supply Current:		15	25	mA
Harmonic Suppression (2 nd Harmonic)		-15	-10	dBc
Pushing:		1.0	2.0	MHz/V
Pulling, all Phases:		2.0	5.0	MHz pk-pk
Tuning Sensitivity:		37		MHz/V
Phase Noise @ 10kHz offset:		-101		dBc/Hz
Phase Noise @ 100kHz offset:		-120		dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			50	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-1970-2350	Release Date:	24-Sep-08
Revision Level:	A	Responsible:	C. Vales