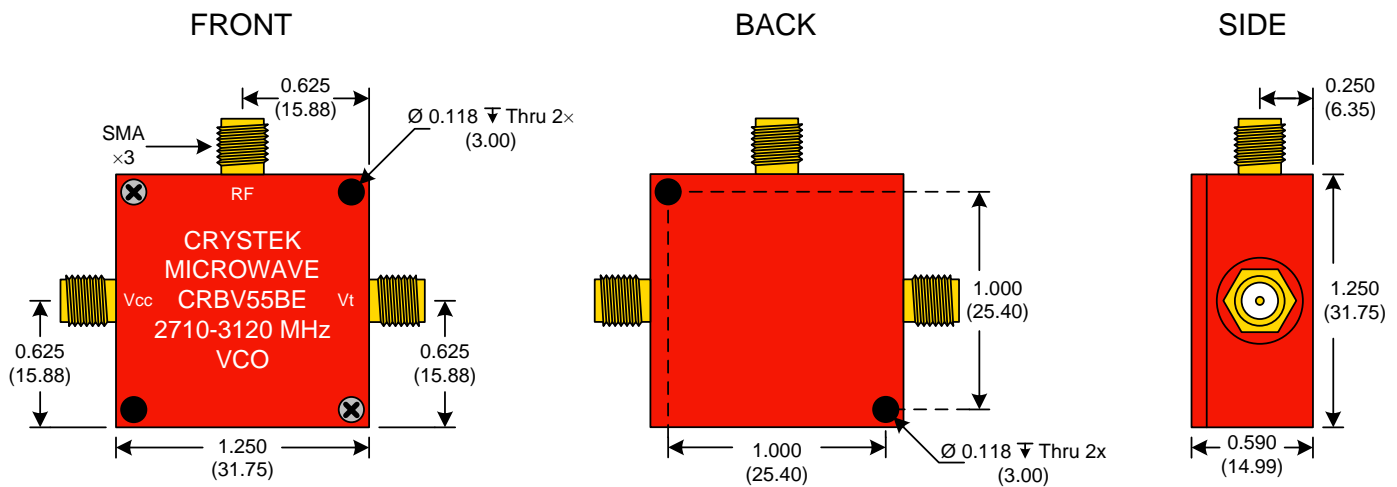


CRYSTEK
MICROWAVE
 A DIVISION OF CRYSTEK CORPORATION

RedBox VCO
 CRBV55BE-2710-3120



PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			2710	MHz
Upper Frequency:	3120			MHz
Tuning Voltage:	1.0		15.0	VDC
Supply Voltage:	7.6	8.0	8.4	VDC
Output Power:	+3.0	+5.0	+7.0	dBm
Supply Current:		25	35	mA
Harmonic Suppression (2 nd Harmonic)		-25	-15	dBc
Pushing:		1.0	3.0	MHz/V
Pulling, all Phases:		1.0	3.0	MHz pk-pk
Tuning Sensitivity:		27		MHz/V
Phase Noise @ 10kHz offset:		-95		dBc/Hz
Phase Noise @ 100kHz offset:		-120		dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			15	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-2710-3120	Release Date:	24-Sep-08
Revision Level:	A	Responsible:	C. Vales



CRYSTEK
 CORPORATION

12730 COMMONWEALTH DRIVE • FORT MYERS, FLORIDA 33913
 PHONE: 239-561-3311 • 800-237-3061
 FAX: 239-561-1025 • WWW.CRYSTEK.COM