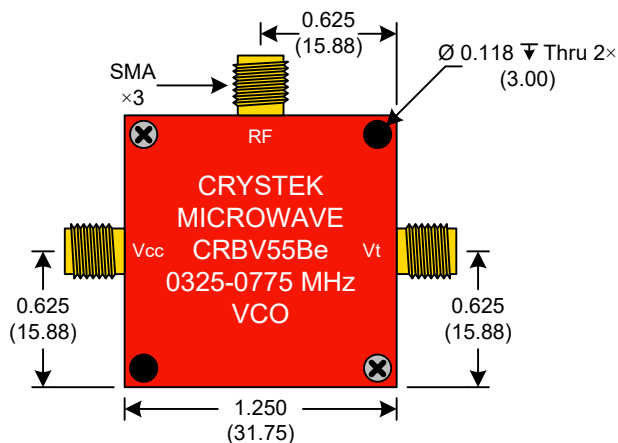
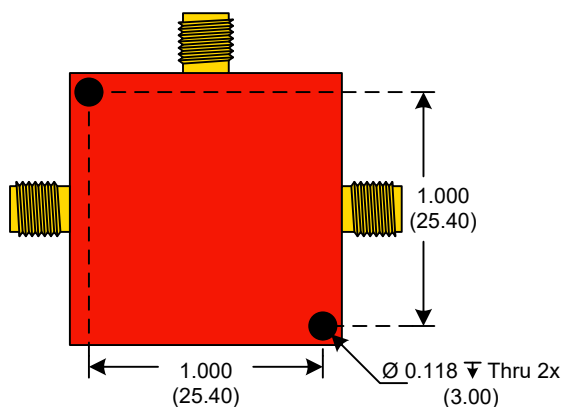


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			325	MHz
Upper Frequency:	775			MHz
Tuning Voltage:	0		12.0	VDC
Supply Voltage:	11.75	12	12.25	VDC
Output Power:	+2.0	+7.0	+12.0	dBm
Supply Current:		25		mA
Harmonic Suppression (2 nd Harmonic)		-10	-5	dBc
Pushing:		0.5	1.5	MHz/V
Pulling, all Phases:			5.0	MHz pk-pk
Tuning Sensitivity:		45		MHz/V
Phase Noise @ 10kHz offset:			-98	dBc/Hz
Phase Noise @ 100kHz offset:			-118	dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			330	pF
Operating Temperature Range:	-40		+85	°C
Storage Temperature Range:	-45		+90	°C

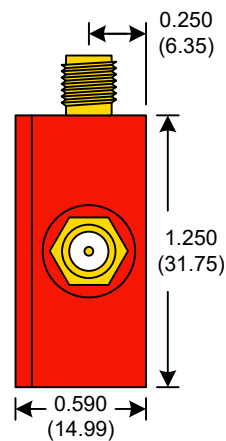
FRONT



BACK



SIDE

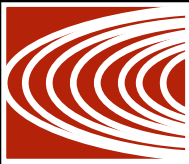


● Unless otherwise specified, Dimensions are in: $\frac{\text{IN}}{(\text{mm})}$

Product Control:

Crystek Part Number:	CRBV55BE-0325-0775	Release Date:	20-Dec-2019
Revision Level:	F	Responsible:	C. Vales

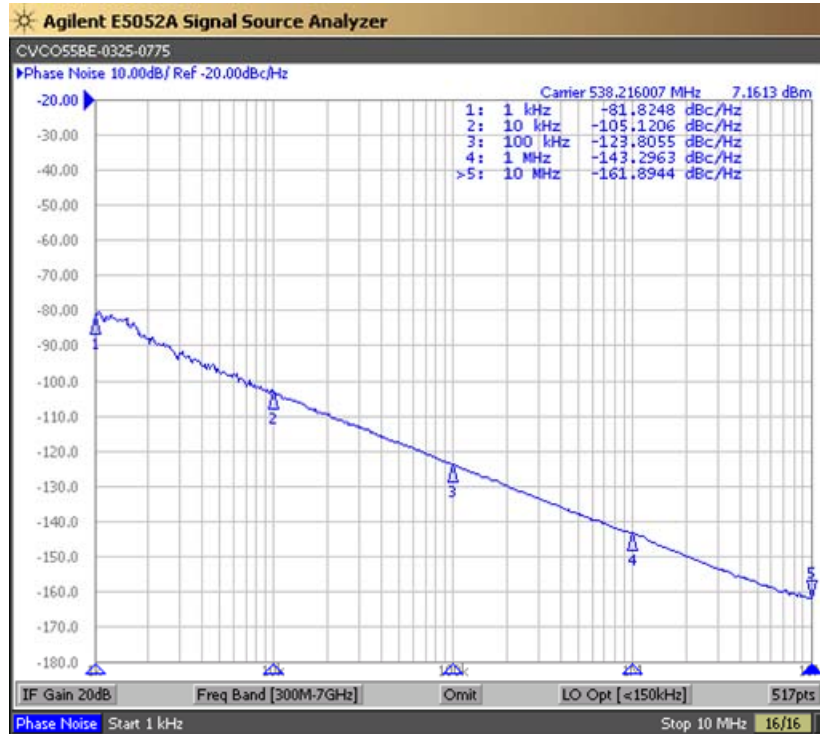




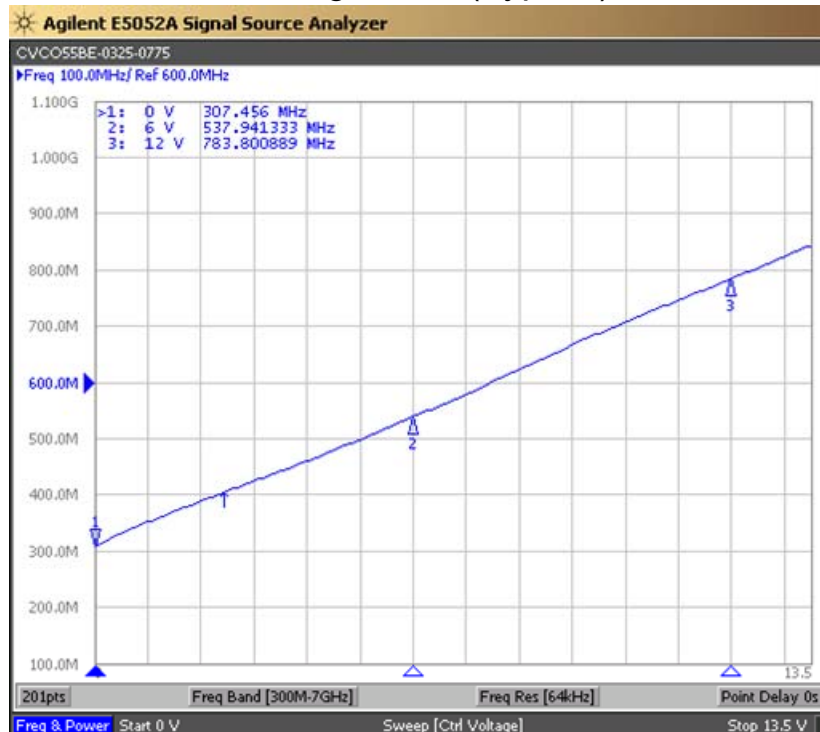
CRYSTEK
MICROWAVE
A DIVISION OF CRYSTEK CORPORATION

RedBox VCO
CRBV55BE-0325-0775

Phase Noise (1 Hz BW, Typical)



Tuning Curve (Typical)



Product Control:

Crystek Part Number:	CRBV55BE-0325-0775	Release Date:	20-Dec-2019
Revision Level:	F	Responsible:	C. Vales

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