



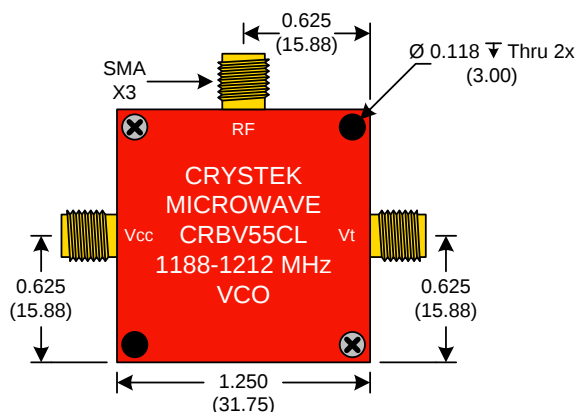
CRYSTEK
MICROWAVE
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RedBox VCO
CRBV55CL-1188-1212

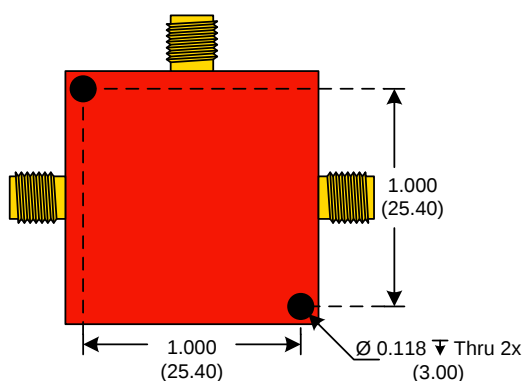


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			1188	MHz
Upper Frequency:	1212			MHz
Tuning Voltage:	0.5		4.5	VDC
Supply Voltage:	11.4	12.0	12.6	VDC
Output Power:	+6.0	+8.0	+10.0	dBm
Supply Current:		20		mA
Harmonic Suppression (2 nd Harmonic)		-20		dBc
Pushing:		1.0	2.0	MHz/V
Pulling, all Phases:		1.0	2.0	MHz pk-pk
Tuning Sensitivity:		15		MHz/V
Phase Noise @ 10kHz offset:		-110		dBc/Hz
Phase Noise @ 100kHz offset:		-133		dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			100	pF
Operating Temperature Range:	-40		+85	$^{\circ}\text{C}$
Storage Temperature Range:	-45		+90	$^{\circ}\text{C}$

FRONT



BACK



SIDE



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

Product Control:

Crystek Part Number:	CRBV55CL-1188-1212	Release Date:	23-Mar-10
Revision Level:	C	Responsible:	C. Vales

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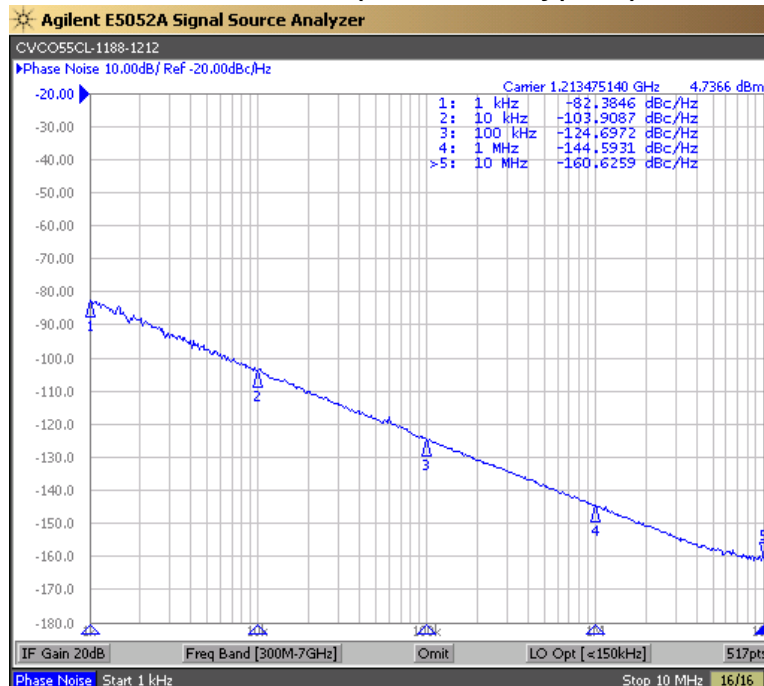
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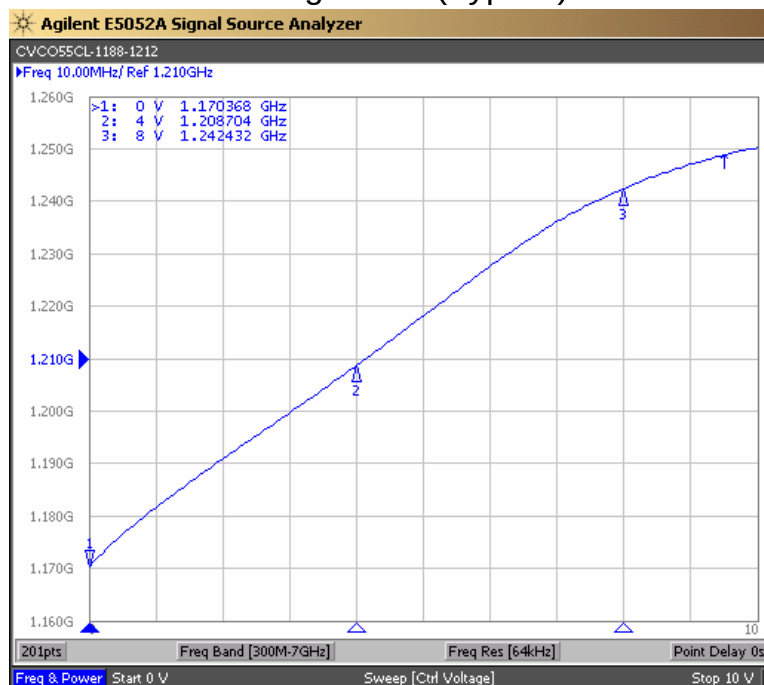
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RedBox VCO
CRBV55CL-1188-1212

Phase Noise (1 Hz BW, Typical)



Tuning Curve (Typical)



Product Control:

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Specification is subject to change without notice

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