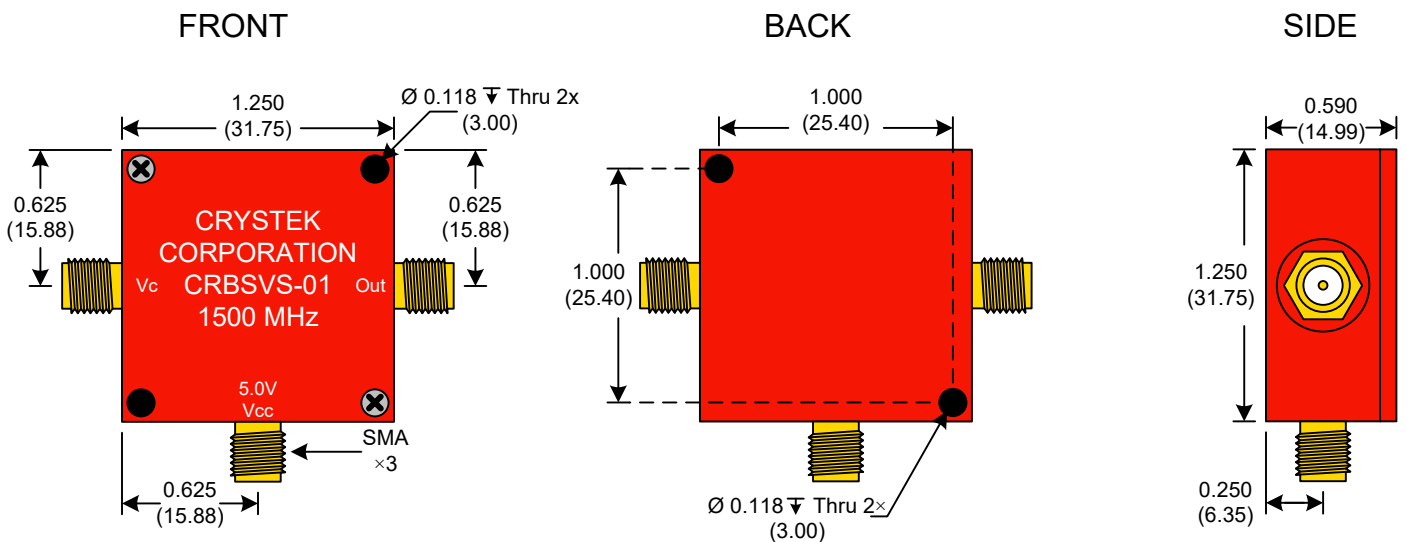




Frequency:	1500.000 MHz
Temperature Range:	-20°C to 70°C
Input Voltage:	+5.0 V ±0.25 V
Input Current:	65 mA Max
Control Voltage Range:	0V to 5.0V
Tuning Sensitivity (Kv):	+120 ppm/V Typical
Settability At Nominal (25°C):	1.5V +0.5V -1.0V
Output:	TrueSineWave
Frequency Stability:	±150ppm Typical
Pullability APR:	±50ppm Min
Linearity:	±20% Max
Output Power:	+8 dBm Min
Start-up Time:	2 ms Typical, 5 ms Max
Load:	50 Ω
2nd Harmonic:	-15 dBc Typical
Sub-Harmonics:	-15 dBc Max
Phase Noise Typical:	
1 kHz	-105 dBc/Hz
10 kHz	-133 dBc/Hz
100 kHz	-144 dBc/Hz
1 MHz	-160 dBc/Hz
10 MHz	-162 dBc/Hz
40 MHz	-164 dBc/Hz
Aging:	<3 ppm 1 st year, <1 ppm every year thereafter

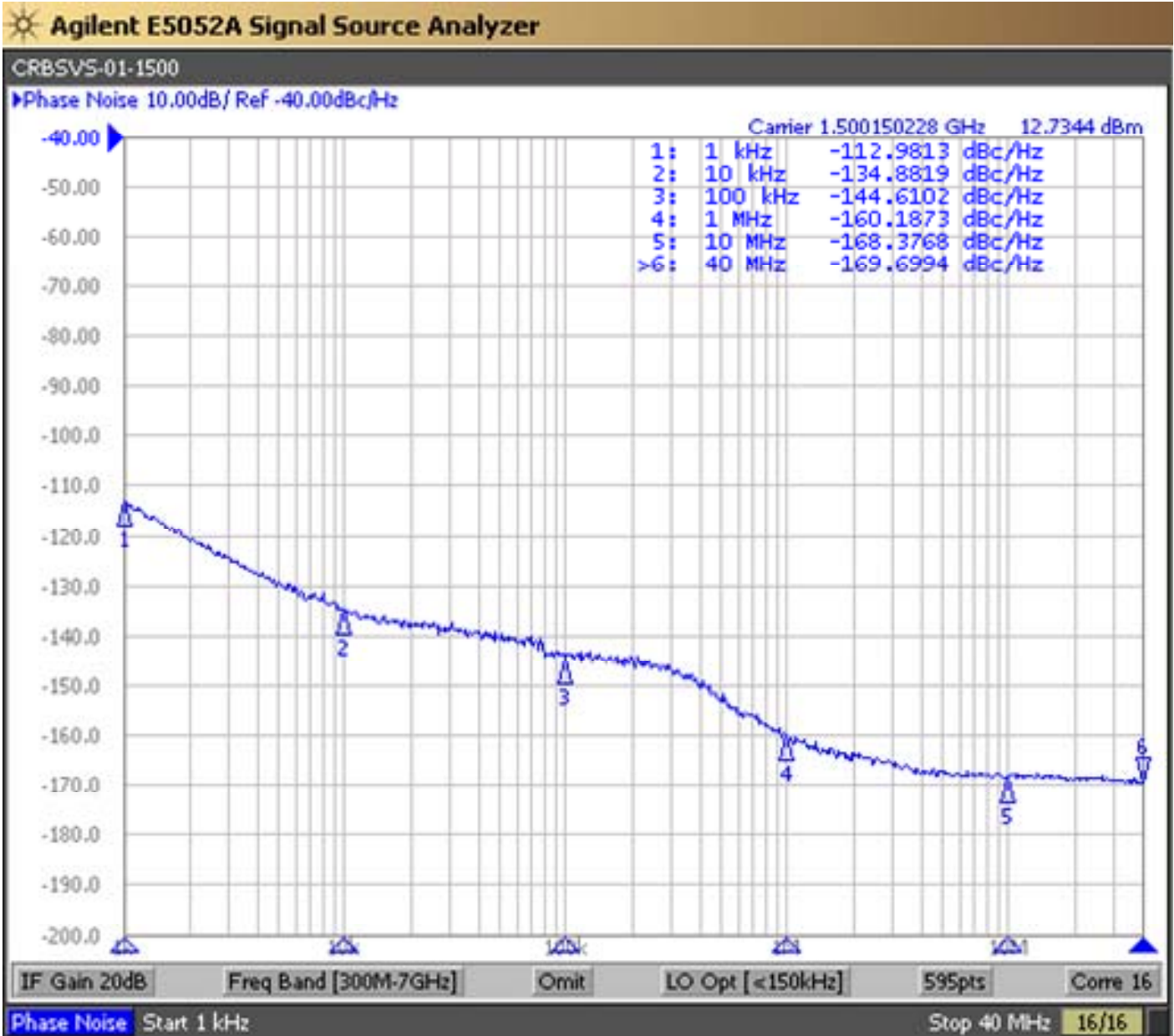


Note: This source is intended to be used with an external high pass or bandpass filter to reduce the sub-harmonic @ 750 MHz.



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

Product Control:			
Crystek Part Number:	CRBSVS-01-1500.000	Release Date:	15-Nov-2018
Revision Level:	A	Responsible:	C. Vales



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