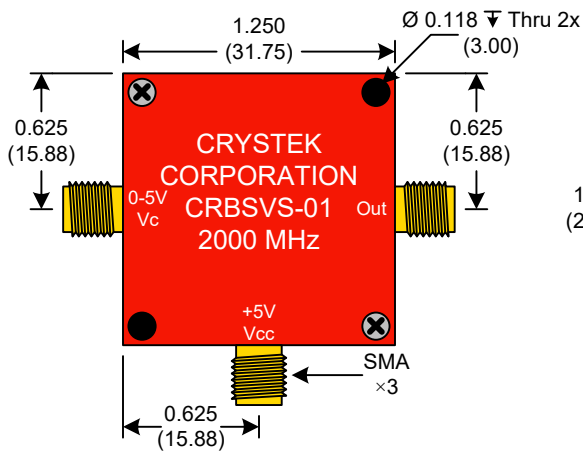




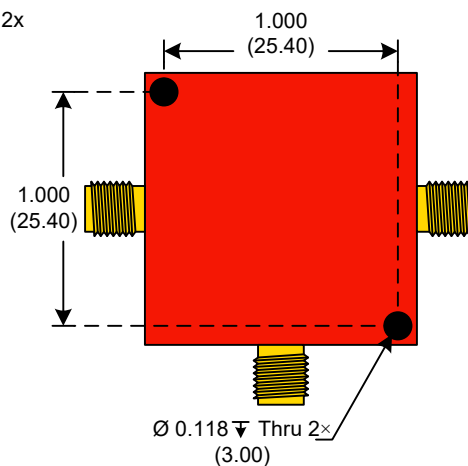
**Frequency:** 2000.000 MHz  
**Temperature Range:** -20°C to 70°C  
**Input Voltage:** +5.0 V  
**Input Current:** 50 mA Max  
**Control Voltage Range:** 0V to 5.0V  
**Tuning Sensitivity (Kv):** +120 ppm/V Typical  
**Settability At Nominal (25°C):** 0.7V to 2.0V  
**Output:** TrueSineWave  
     **Frequency Stability:** ±150 ppm Typical  
     **Output Power:** +8 dBm Min  
     **Start-up Time:** 2 ms Typical, 5 ms Max  
     **Load:** 50 Ω  
**2<sup>nd</sup> Harmonic:** -20 dBc Max  
**Sub-Harmonics:** -25 dBc Typical @ 1 GHz  
**Phase Noise Typical:** 1 kHz -105 dBc/Hz  
     10 kHz -130 dBc/Hz  
     100 kHz -145 dBc/Hz  
     1 MHz -158 dBc/Hz  
     10 MHz -164 dBc/Hz  
     20 MHz -166 dBc/Hz  
**Aging:** <5 ppm 1<sup>st</sup> year, <1 ppm every year thereafter



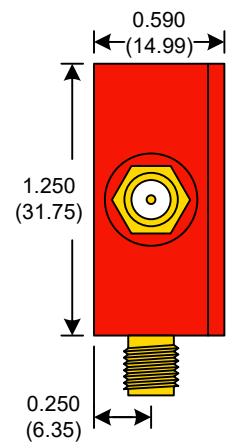
FRONT



BACK



SIDE



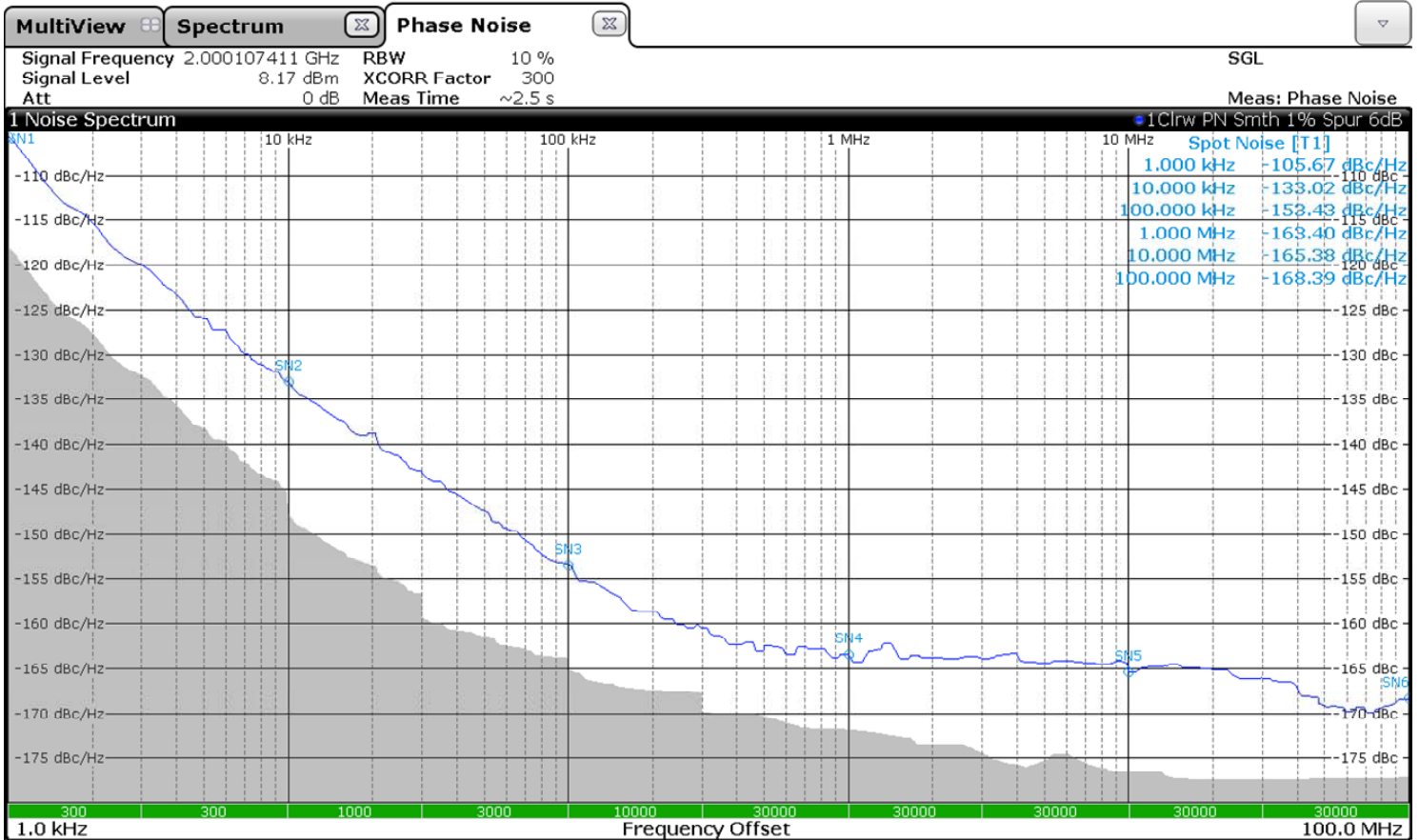
● Unless otherwise specified, Dimensions are in:  $\frac{\text{IN}}{\text{(mm)}}$

**Product Control:**

Crystek Part Number:	CRBSVS-01-2000.000	Release Date:	05-May-2020
Revision Level:	B	Responsible:	C. Vales



Phase Noise (1 Hz BW, Typical)



**Product Control:**

Crystek Part Number:	CRBSVS-01-2000.000	Release Date:	05-May-2020
Revision Level:	B	Responsible:	C. Vales

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