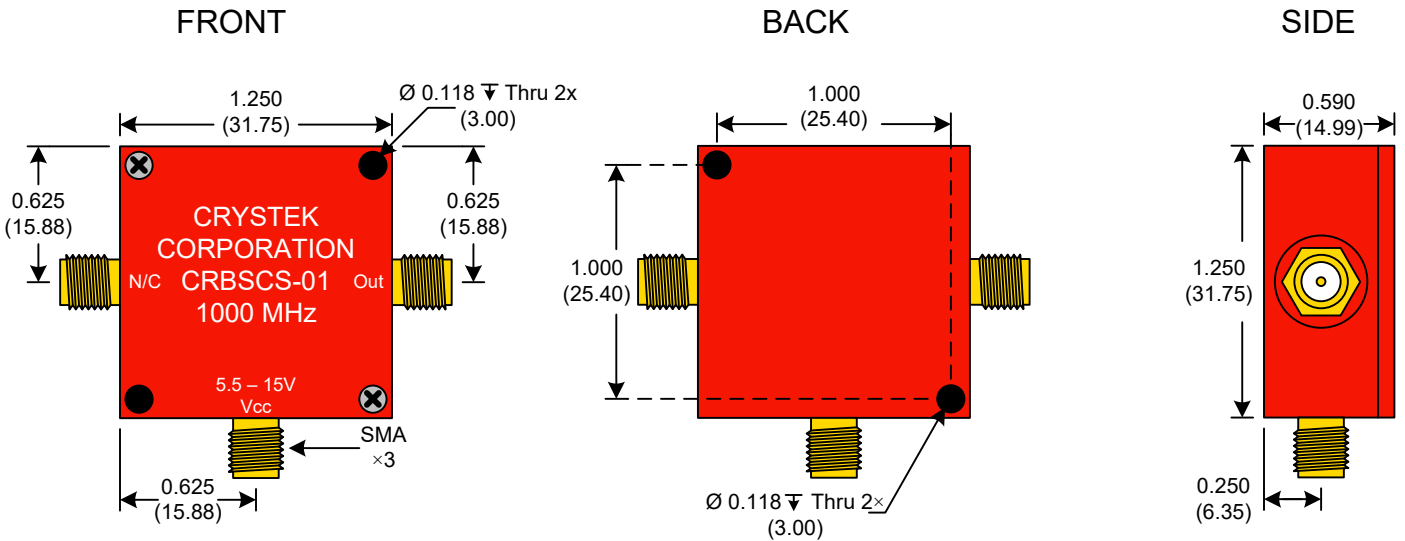




<b>Frequency:</b>	1000.000 MHz
<b>Temperature Range:</b>	-40°C to 85°C
<b>Input Voltage:</b>	+5.5 V to +15 V
<b>Input Current:</b>	50 mA Max
<b>Output:</b>	TrueSineWave
<b>Frequency Stability:</b>	±150ppm Typical
<b>Output Power:</b>	+8 dBm Min
<b>Start-up Time:</b>	2 ms Typical, 5 ms Max
<b>Load:</b>	50 Ω
<b>2<sup>nd</sup> Harmonic:</b>	-25 dBc Max
<b>Sub-Harmonics:</b>	None
<b>Period Jitter:</b> (20,000 periods)	<5 ps RMS (1-sigma) Max
<b>Phase Jitter:</b> 12 kHz ~ 20 MHz	<1 ps RMS (1-sigma) Max
50 kHz ~ 80 MHz	<1 ps RMS (1-sigma) Max
<b>Phase Noise Typical:</b>	See Plot on page 2
<b>Aging:</b>	<3 ppm 1 <sup>st</sup> year, <1 ppm every year thereafter



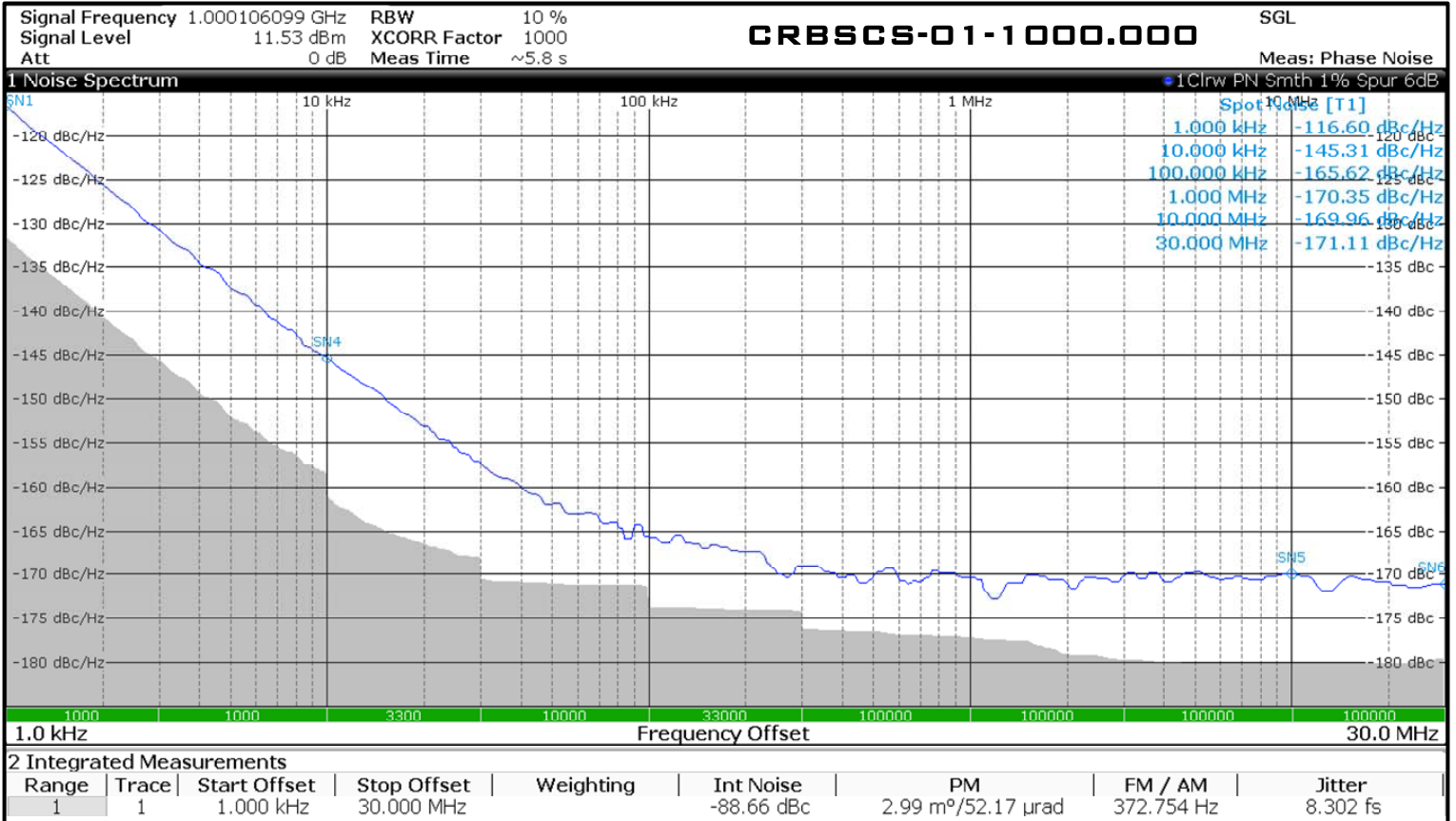
● Unless otherwise specified, Dimensions are in:  $\frac{IN}{(mm)}$

<b>Product Control:</b>			
Crystek Part Number:	CRBSCS-01-1000.000	Release Date:	10-Mar-2020
Revision Level:	D	Responsible:	C. Vales



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 CRBSCS-01-1000.000



**Product Control:**

Crystek Part Number:	CRBSCS-01-1000.000	Release Date:	10-Mar-2020
Revision Level:	D	Responsible:	C. Vales

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