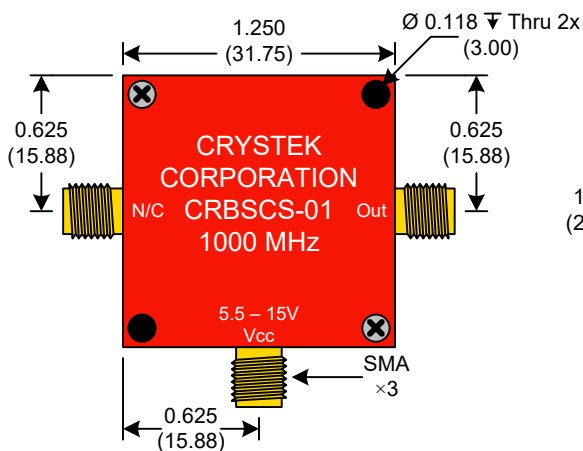
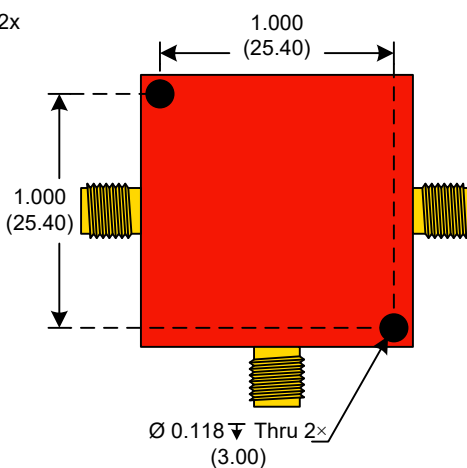


Frequency:	1000.000 MHz
Temperature Range:	-40°C to 85°C
Input Voltage:	+5.5 V to +15 V
Input Current:	50 mA Max
Output:	TrueSineWave
Frequency Stability:	±150ppm Typical
Output Power:	+8 dBm Min
Start-up Time:	2 ms Typical, 5 ms Max
Load:	50 Ω
2nd Harmonic:	-25 dBc Max
Sub-Harmonics:	None
Period Jitter: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

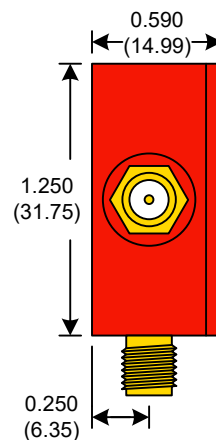
FRONT



BACK



SIDE



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

Product Control:

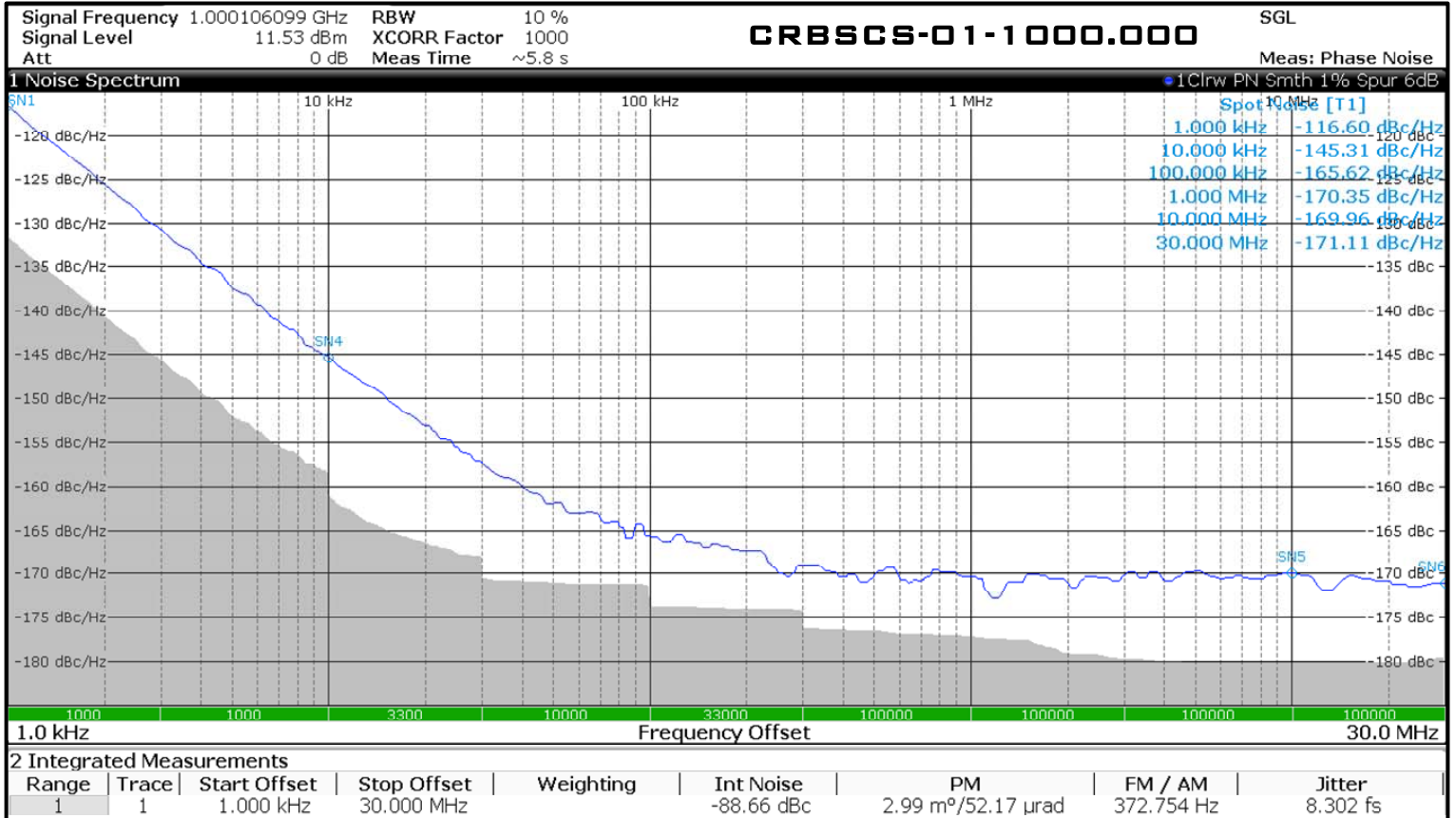
Crystek Part Number:	CRBSCS-01-1000.000	Release Date:	10-Mar-2020
Revision Level:	D	Responsible:	C. Vales





CRYSTEK
MICROWAVE
A DIVISION OF CRYSTEK CORPORATION

RedBox SOURCE
CRBSCS-01-1000.000



Product Control:

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

Crystek Corporation reserves the right to make changes to its products and/or information contained herein without notice.
No liability is assumed as a result of its use or application.

Page 2 of 2



CRYSTEK
CORPORATION

12730 COMMONWEALTH DRIVE • FORT MYERS, FLORIDA 33913
PHONE: 239-561-3311 • 800-237-3061
FAX: 239-561-1025 • WWW.CRYSTEK.COM