

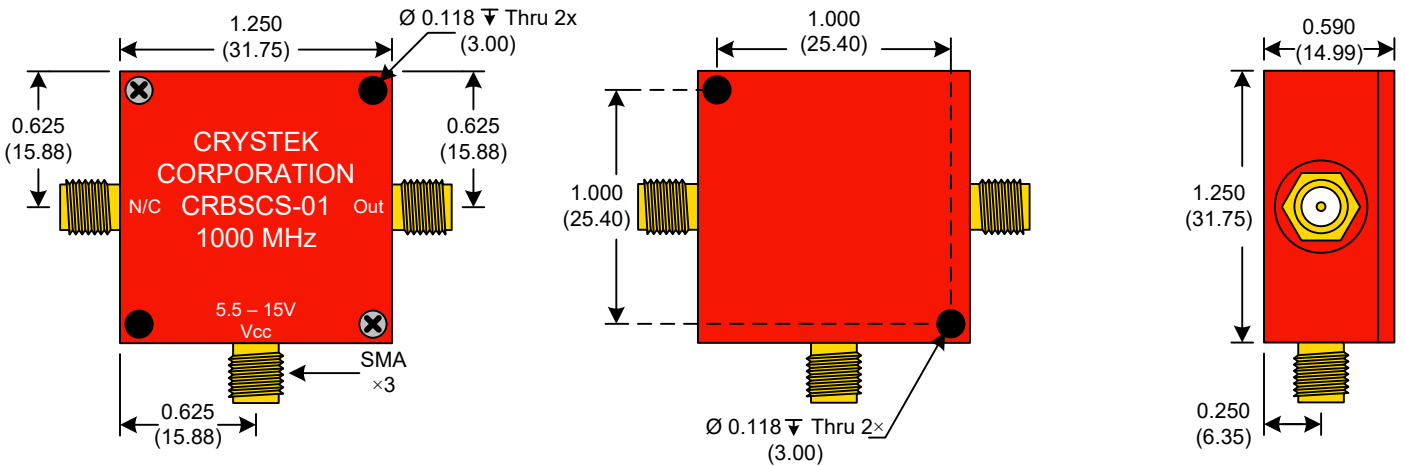


Frequency:	1000.000 MHz
Temperature Range:	-40°C to 85°C
Input Voltage:	+5.5 V to +15 V
Input Current:	50 mA Max
Output:	TrueSineWave
Frequency Stability:	±150ppm Typical
Output Power:	+8 dBm Min
Start-up Time:	2 ms Typical, 5 ms Max
Load:	50 Ω
2nd Harmonic:	-25 dBc Max
Sub-Harmonics:	None
Period Jitter: (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:

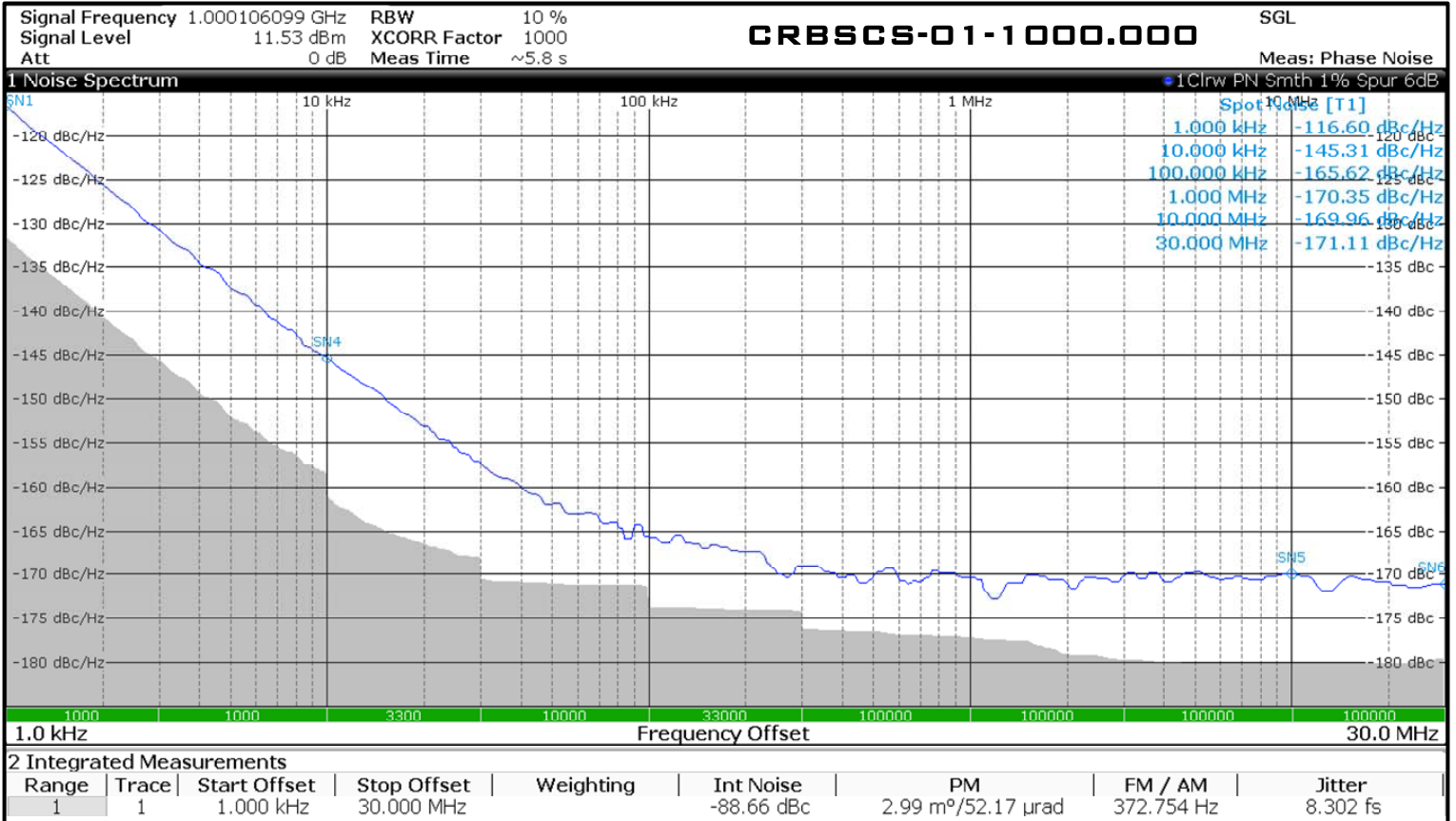
Crystek Part Number:	CRBSCS-01-1000.000	Release Date:	10-Mar-2020
Revision Level:	D	Responsible:	C. Vales





CRYSTEK
MICROWAVE
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RedBox SOURCE
 CRBSCS-01-1000.000



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CRYSTEK
 CORPORATION

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