

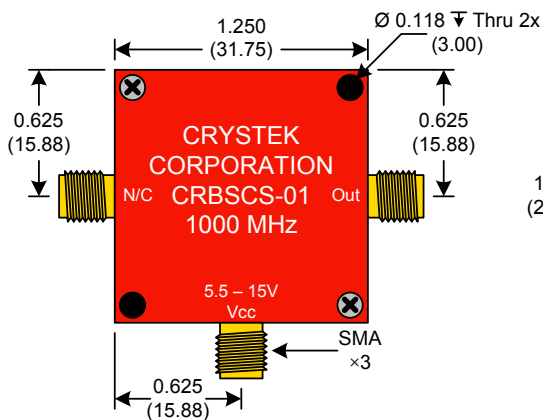
CRYSTEK
MICROWAVE
A DIVISION OF CRYSTEK CORPORATION

RedBox SOURCE
CRBSCS-01-1000.000

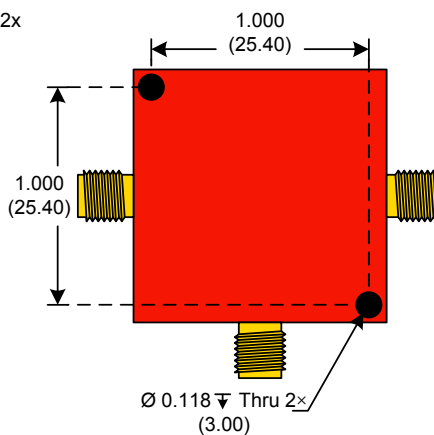


Frequency:	1000.000 MHz
Temperature Range:	-40°C to 85°C
Input Voltage:	+5.5 V to +15 V
Input Current:	50 mA Max
Output:	TrueSineWave
Frequency Stability:	±150ppm Typical
Output Power:	+8 dBm Min
Start-up Time:	2 ms Typical, 5 ms Max
Load:	50 Ω
2 nd Harmonic:	-25 dBc Max
Sub-Harmonics:	None
Period Jitter: (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:	
1 kHz	-110 dBc/Hz
10 kHz	-138 dBc/Hz
100 kHz	-148 dBc/Hz
1 MHz	-162 dBc/Hz
10 MHz	-170 dBc/Hz
20 MHz	-171 dBc/Hz
Aging:	<3 ppm 1 st year, <1 ppm every year thereafter

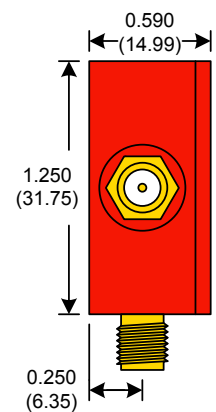
FRONT



BACK



SIDE

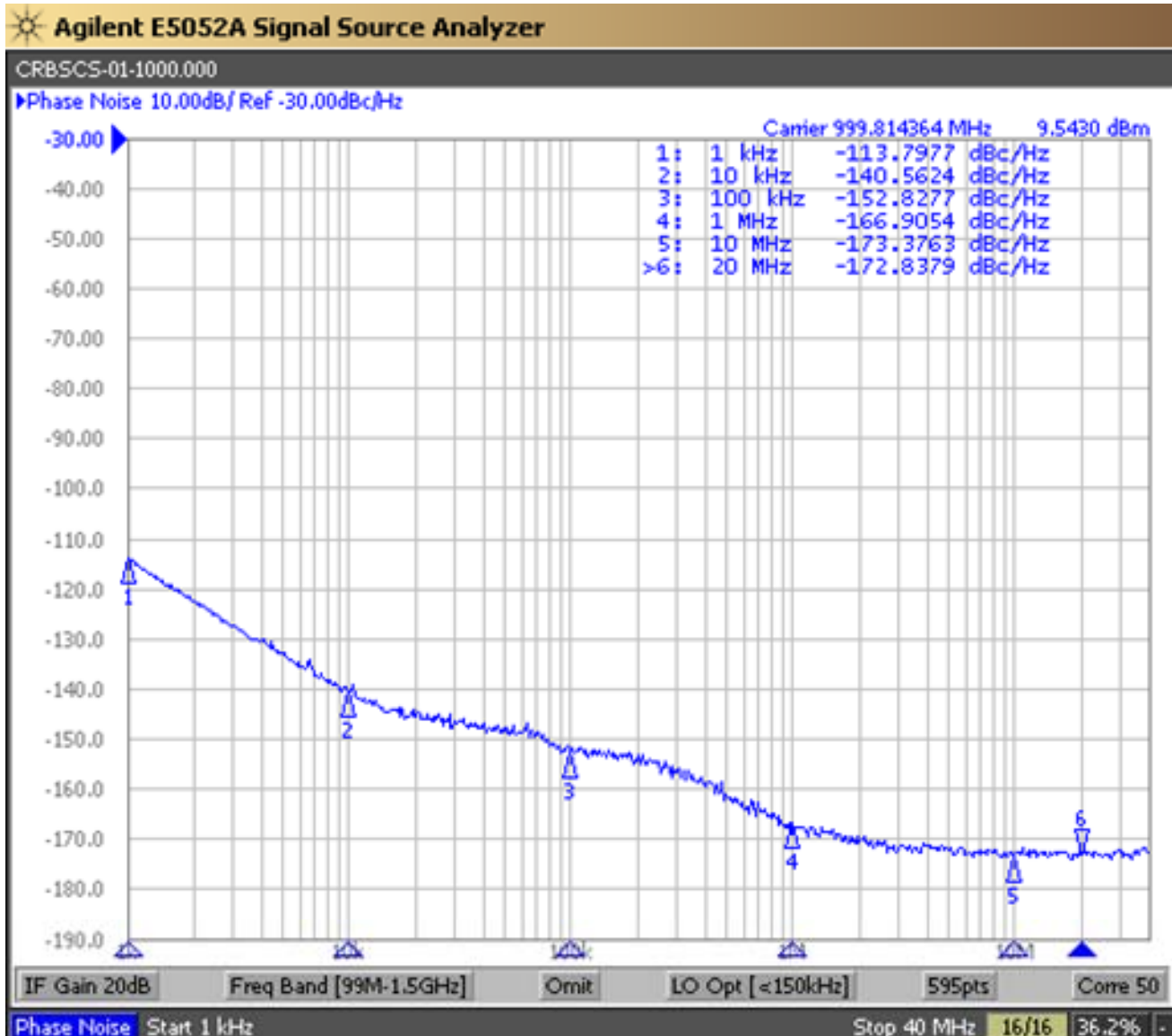
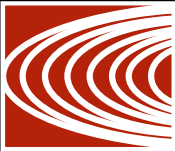


● Unless otherwise specified, Dimensions are in: $\frac{\text{IN}}{\text{(mm)}}$



CRYSTEK
CORPORATION

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



Product Control:

Crystek Part Number:	CRBSCS-01-1000.000	Release Date:	19-Mar-2013
Revision Level:	B	Responsible:	C. Vales

