

# Broadband Microwave Coaxial Noise Source

## NS5102-A2X

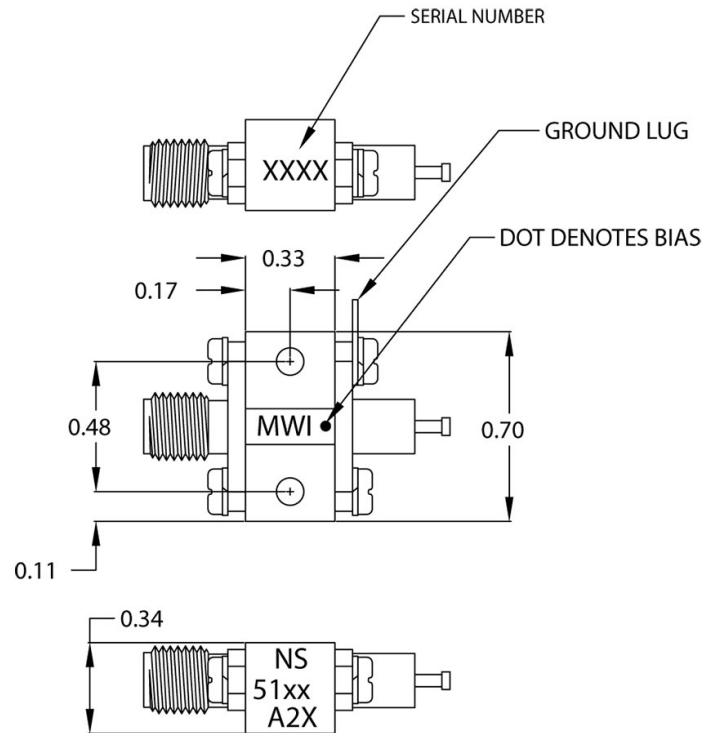


Specifications are subject to change without notice

### Specifications

Parameter	Value
RF Frequency	1000 MHz to 18000 MHz
Noise Output	25 dB ENR
Noise Spectral Density ( $N_0$ )	-149 dBm/Hz
Flatness	2 dB P-P Max
VSWR	1.7:1 Max
Peak Factor	5:01
Bias Voltage	15 V
Supply Current	15 mA Max
Impedance	50 ohms
Construction	Coaxial
Package Type	X
Connector Type	SMA(F)
Operating Temperature	-55 to 125 °C
Storage Temperature	-65 to 150 °C

### Outline Drawing



All dimensions are in inches

### Need More Help? Need a Variant of This Product?

Contact Mercury's RF & Microwave engineering team at [rf.microwave@rcy.com](mailto:rf.microwave@rcy.com) or visit [www.mrcy.com/rf](http://www.mrcy.com/rf) for a detailed listing of RF and Microwave products.



Corporate Headquarters • 50 Minuteman Road • Andover, MA 01810 USA • (978) 967-1401 • (866) 627-6951 • Fax (978) 256-3599 • [www.mrcy.com](http://www.mrcy.com)

6870.00E-0718-SS-NS5102-A2X-Noise