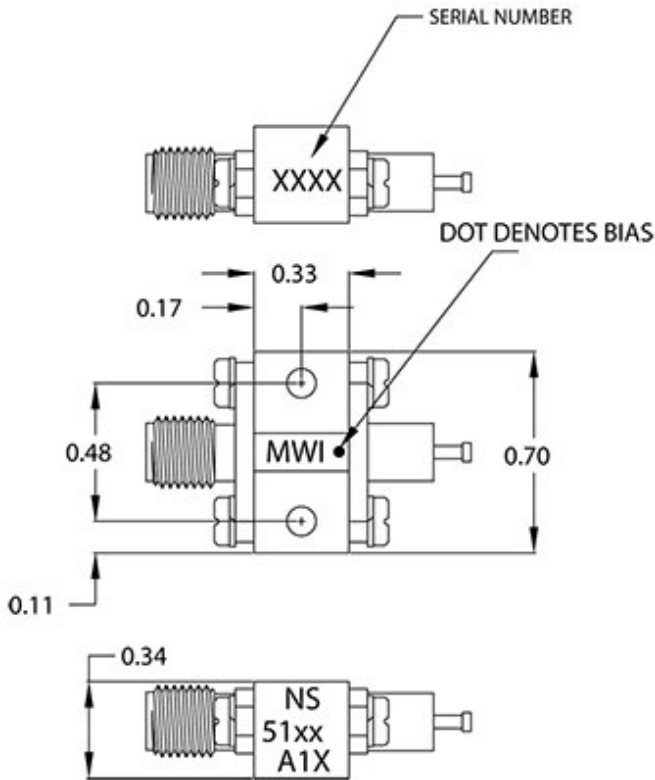


# NS5100-A1X

## 10 MHz to 18000 MHz

Broadband Microwave Coaxial Noise Sources



### Specifications

RF Frequency	10 MHz to 18000 MHz
Noise Output	25 dB Min ENR
Noise Spectral Density ( $N_0$ )	-149 dBm/Hz
Flatness	3 dB P-P Max
VSWR	2.1:1 Max
Peak Factor	5:01
Bias Voltage	15 V
Supply Current	12 mA Max
Impedance	50 ohms

### Package and Connectivity

Package Type	X
Connector Type	Feedthru PIN

### Environmental

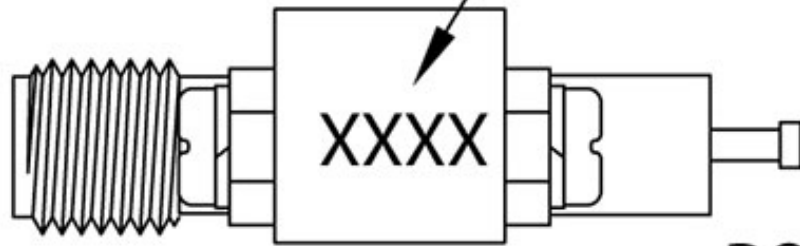
Operating Temperature	-55 to 125 °C
Storage Temperature	-65 to 150 °C

### Notes

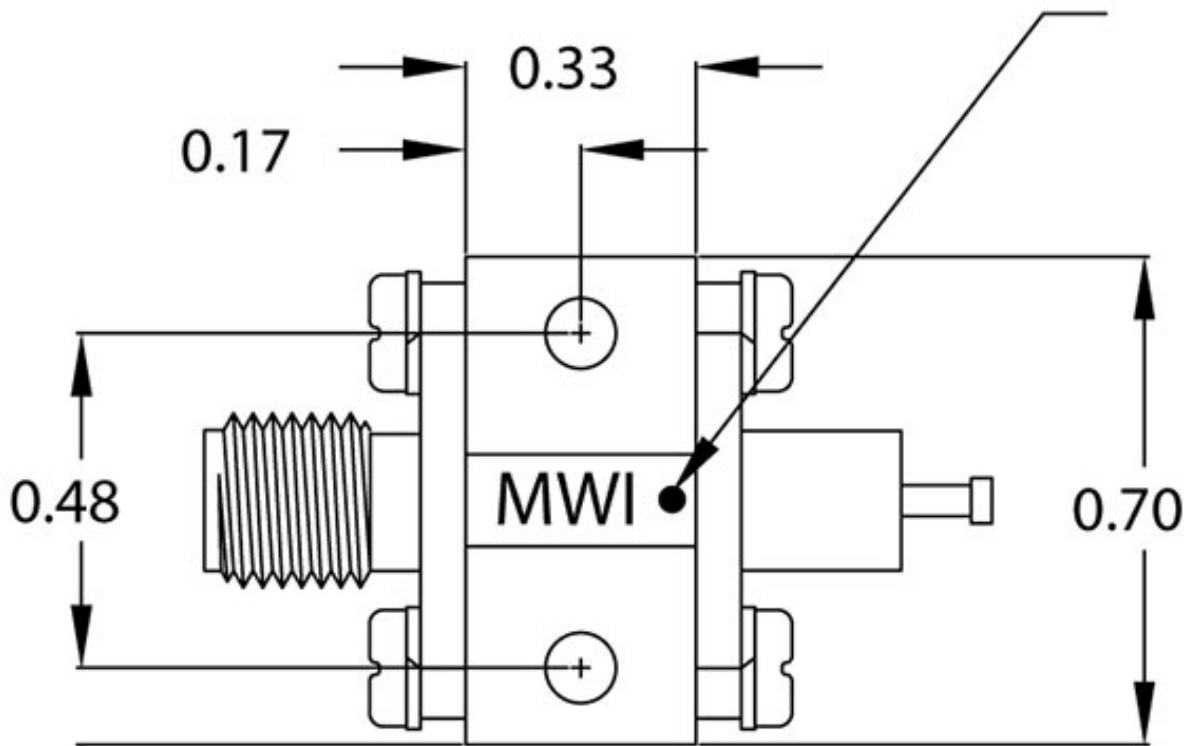


MERCURY COMMERCIAL ELECTRONICS

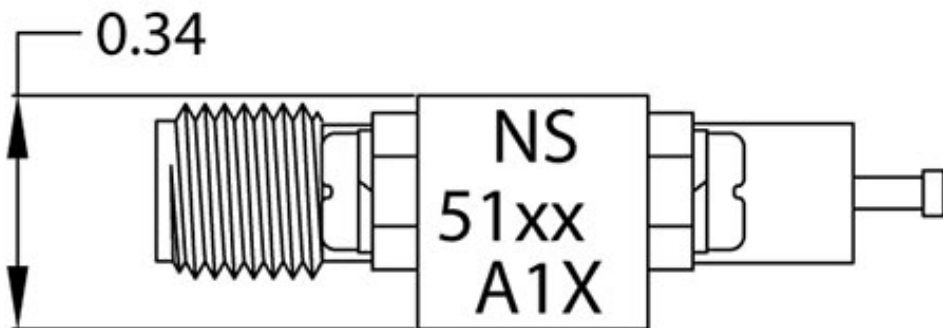
SERIAL NUMBER



DOT DENOTES BIAS



0.11



0.34