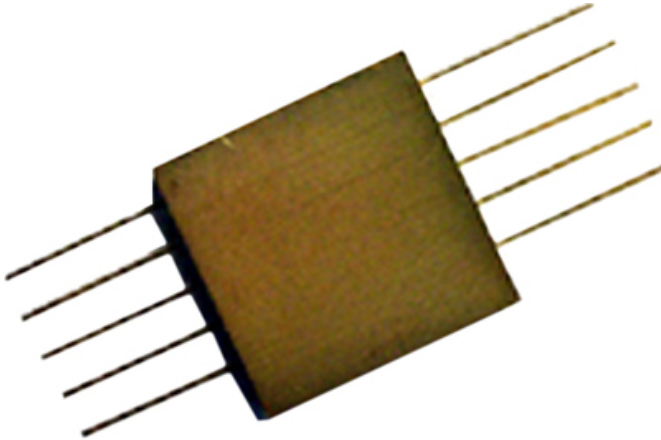


SPEC SHEET

# NFP1003

## 100 MHz to 3 GHz

Surface Mount Noise Sources



### Specifications

RF Frequency	100 MHz to 3 GHz
Noise Output	43 - 48 dB (100 MHz - 1 GHz) ENR 41 - 46 dB (1 GHz - 2 GHz) ENR y ENR
Noise Spectral Density ( $N_0$ )	-134 dBm/Hz Min
VSWR	2.0:1 Max
Bias Voltage	12 to 28 V
Supply Current	50 mA Max
Impedance	50 ohms

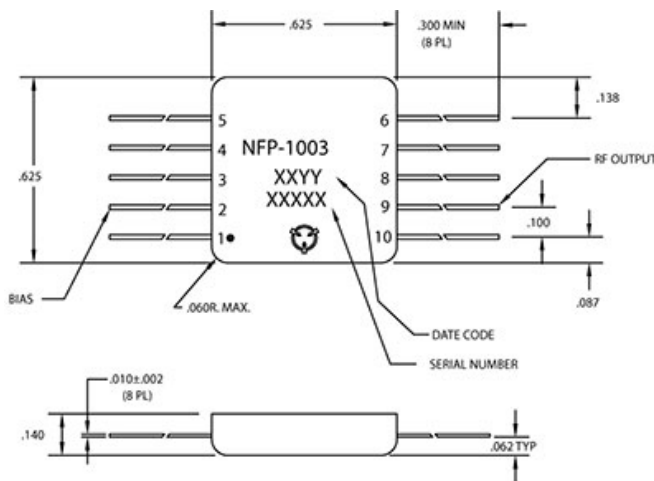
### Package and Connectivity

Construction	Hermetic SMT
--------------	--------------

### Environmental

Operating Temperature	-40 to 85 °C
Storage Temperature	-54 to 125 °C

### Notes



Microwave RF Components | Hudson, NH | (603) 546-4100 | [rf.mrcy.com](http://rf.mrcy.com)  
 Specifications subject to change without notice

