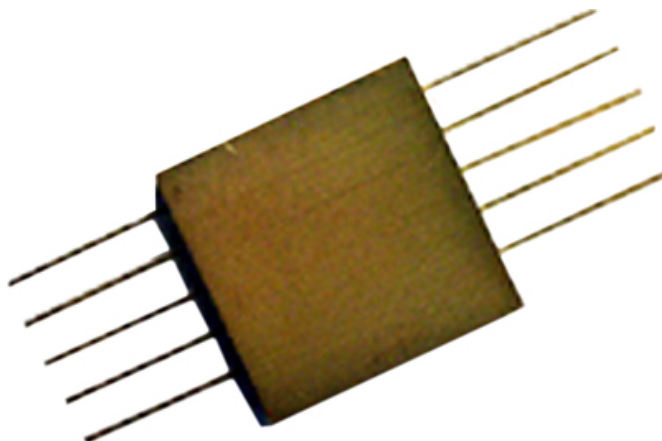


NFP1003

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

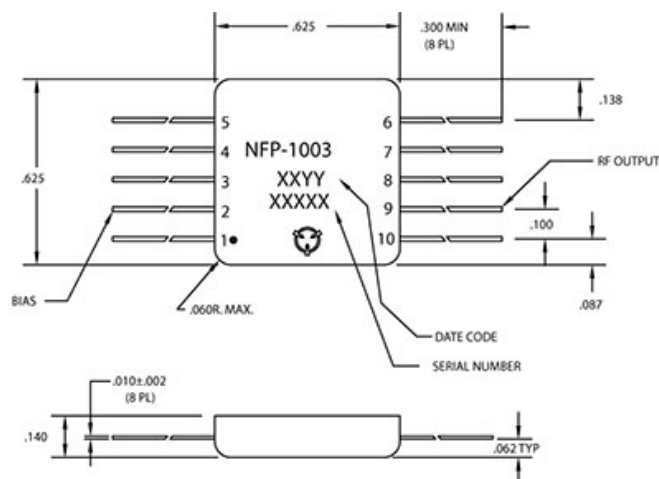
Package and Connectivity

Construction	Hermetic SMT
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Environmental

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

Notes



MERCURY COMMERCIAL ELECTRONICS

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

