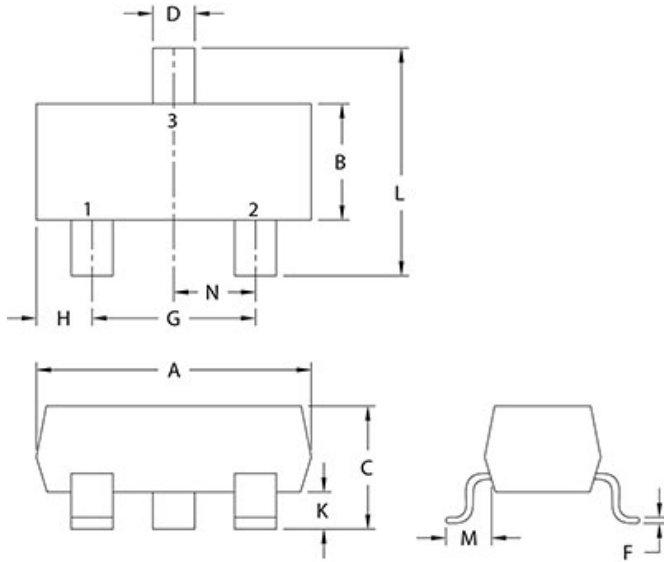


ST2A

10 kHz to 3000 MHz

Noise Diodes



Specifications

| | |
|----------------------------------|---|
| RF Frequency | 10 kHz to 3000 MHz |
| Noise Output | 33 dB Min (10 KHz to 1 MHz) ENR 30 dB min (1 MHz to 100 MHz) ENR 28 db min (100 MHz to 3 GHz) ENR |
| Noise Spectral Density (N_0) | -146 dBm/Hz Min |
| Flatness | 2 dB P-P Max |
| Bias Voltage | 5.2 nominal V |
| Supply Current | 4 mA Max |
| Impedance | 50 ohms |

Package and Connectivity

| | |
|--------------|-----------|
| Construction | SMT SOT23 |
|--------------|-----------|

Environmental

| | |
|-----------------------|---------------|
| Operating Temperature | -40 to 85 °C |
| Storage Temperature | -55 to 125 °C |

Notes



MERCURY COMMERCIAL ELECTRONICS

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

