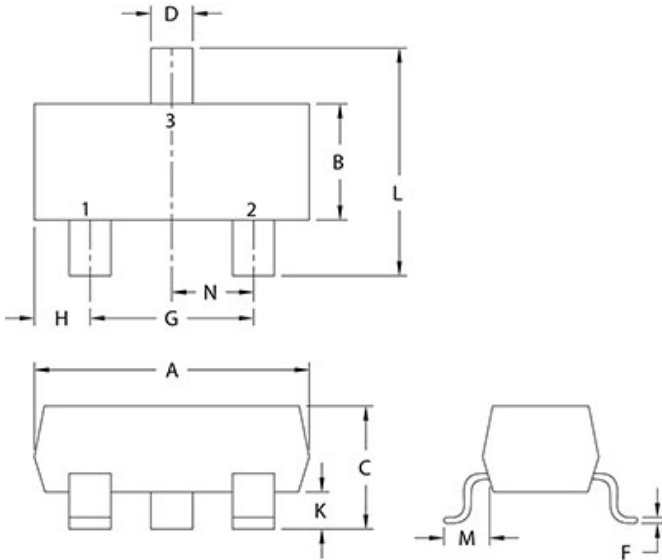


# ST2A

## 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
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### Environmental

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

### Notes



