

SM1

10 kHz to 100 MHz

Noise Diodes

Specifications

RF Frequency	10 kHz to 100 MHz
Noise Output	44 dB Min (10 KHz to 1 MHz) ENR 37 dB min (1 MHz to 10 MHz) ENR 34 db min (10 MHz to 100 MHz) ENR
Noise Spectral Density (N_o)	-140 dBm/Hz Min
Bias Voltage	8.8 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



MERCURY COMMERCIAL ELECTRONICS

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