

# SMN3018-D1D

## 20 MHz to 6 GHz

Surface Mount Noise Sources

### Specifications

RF Frequency	20 MHz to 6 GHz
Noise Output	30 dB Min ENR
Noise Spectral Density ( $N_0$ )	-148 dBm/Hz Min
Flatness	3 dB P-P Max
VSWR	2.0:1 Max (20-100 MHz) 1.5:1 Max (100 MHz-6 GHz)
Bias Voltage	12 V
Supply Current	12 mA Max
Impedance	50 ohms

### Package and Connectivity

Construction	SMT 0.150 x 0.220 inches
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### Environmental

Operating Temperature	-40 to 125 °C
Storage Temperature	-54 to 150 °C

### Notes



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