

SMN3018-E1D

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	15 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



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