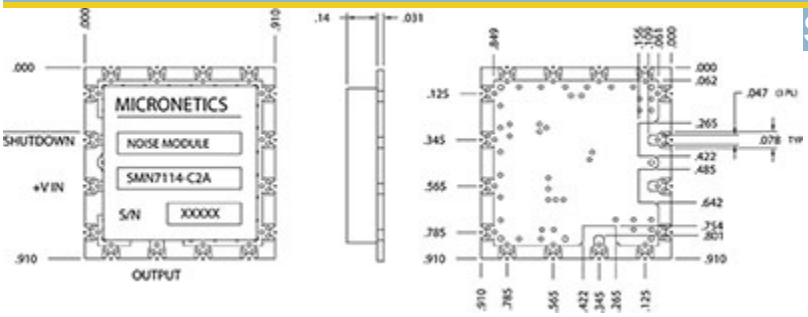
Surface Mount Noise Sources
SMN7114
100 MHz to 3000 MHz



Specifications

RF Frequency	100 MHz to 3000 MHz
Noise Output	45 dB Min ENR
Noise Spectral Density (N_0)	-129 dBm/Hz Min
Noise Power (N)	-35 dBm
Flatness	2.5 dB P-P Max
VSWR	1.5:1 on 1.8:1 off
Peak Factor	5:1
Bias Voltage	8 to 18 V
Supply Current	90 mA Max
Impedance	50 ohms

Package and Connectivity

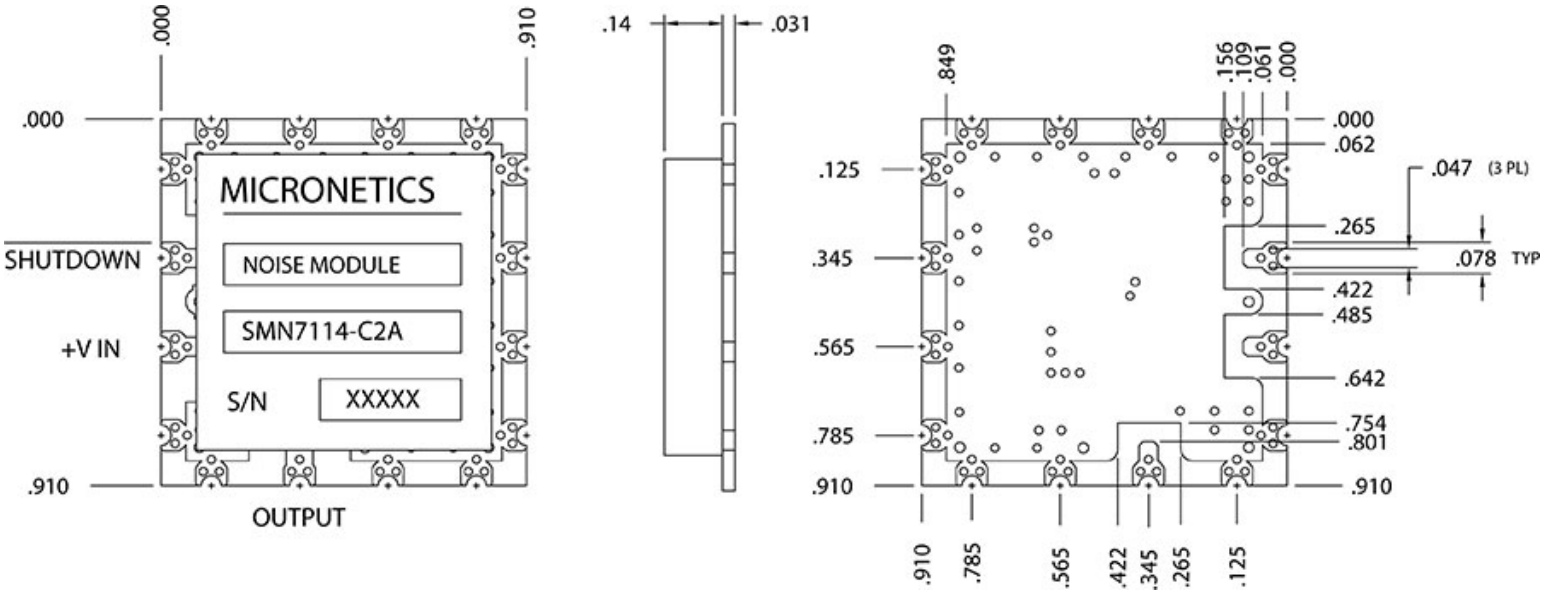
Construction	SMT 0.91 inch sq

Environmental

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

Notes

Specifications subject to change without notice


.000
.910
.000
MICRONETICS
SHUTDOWN
NOISE MODULE
SMN7114-C2A
+V IN
S/N
XXXXX
.910
OUTPUT
.14
.031
.849
.156
.109
.061
.000
.000
.062
.125
.047 (3 PL)
.265
.345
.078 TYP
.422
.485
.565
.642
.754
.785
.801
.910
.910
.910
.785
.565
.422
.345
.265
.125