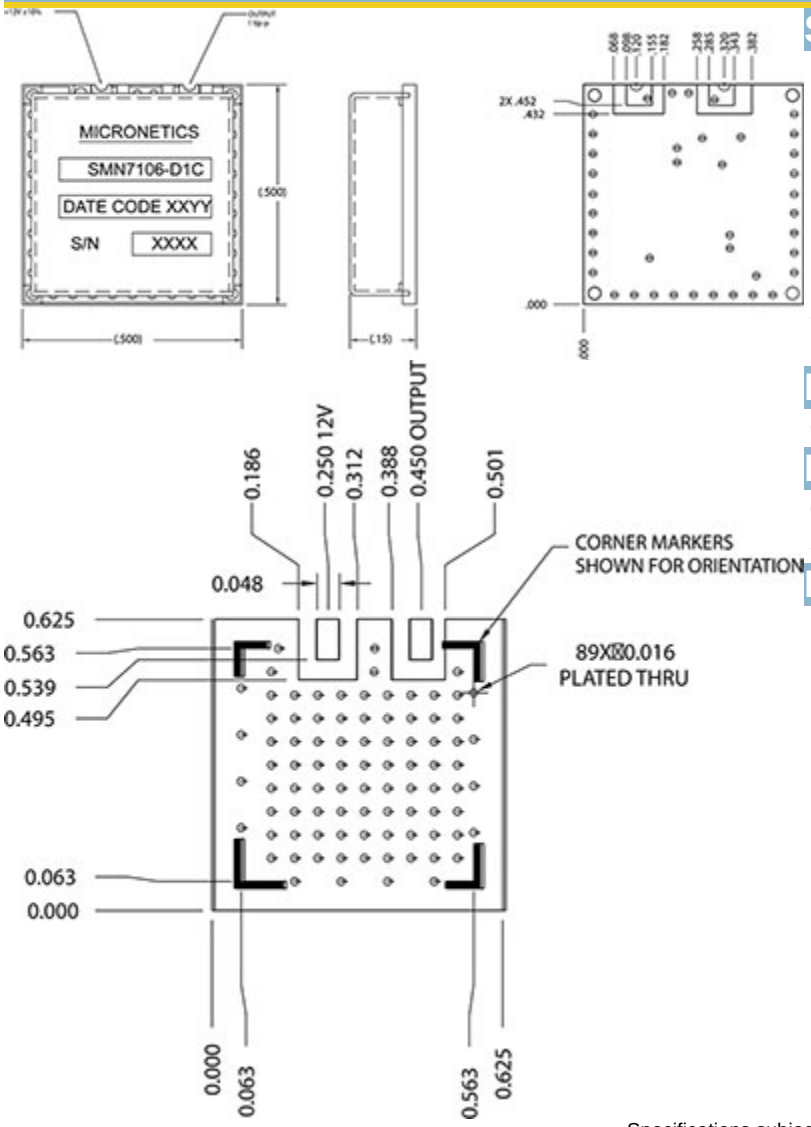
Surface Mount Noise Sources
SMN7106-D1C
200 kHz to 12 MHz



Specifications

RF Frequency	200 kHz to 12 MHz
Noise Output	95 dB Min ENR
Noise Spectral Density (N_0)	-79 dBm/Hz Min
Noise Power (N)	-8.3 dBm
Flatness	1 dB P-P Max
Peak Factor	5:1
Bias Voltage	12 V
Supply Current	35 mA Max
Impedance	50 ohms

Package and Connectivity

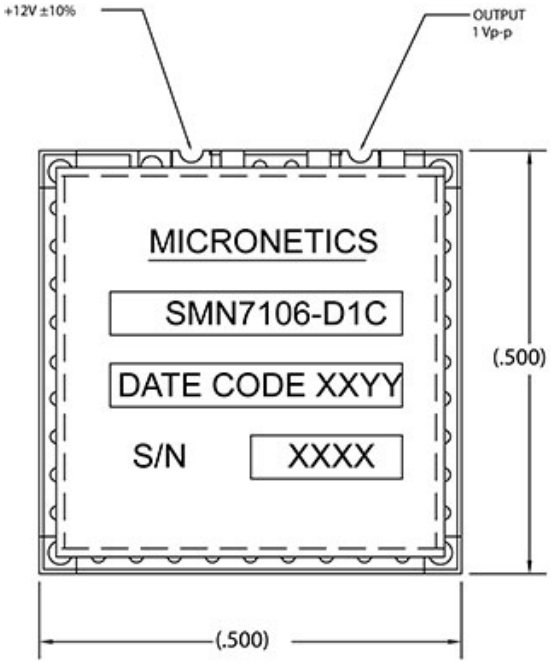
Construction	SMT 0.50 inch sq

Environmental

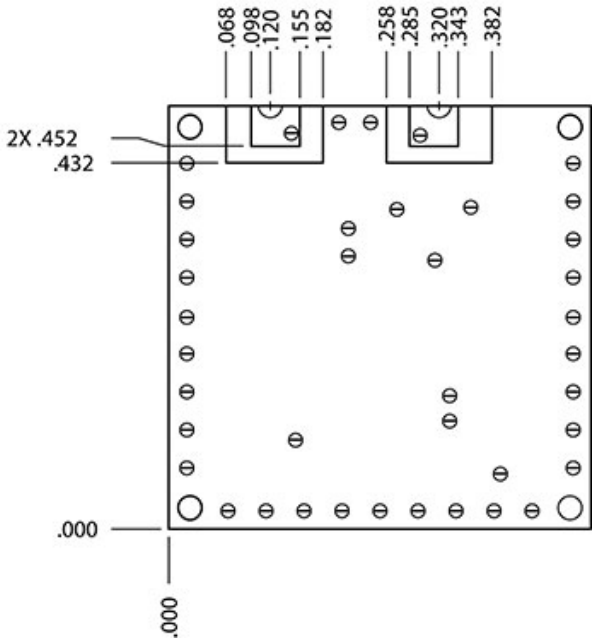
Operating Temperature	-55 to 85 °C
Storage Temperature	-55 to 125 °C

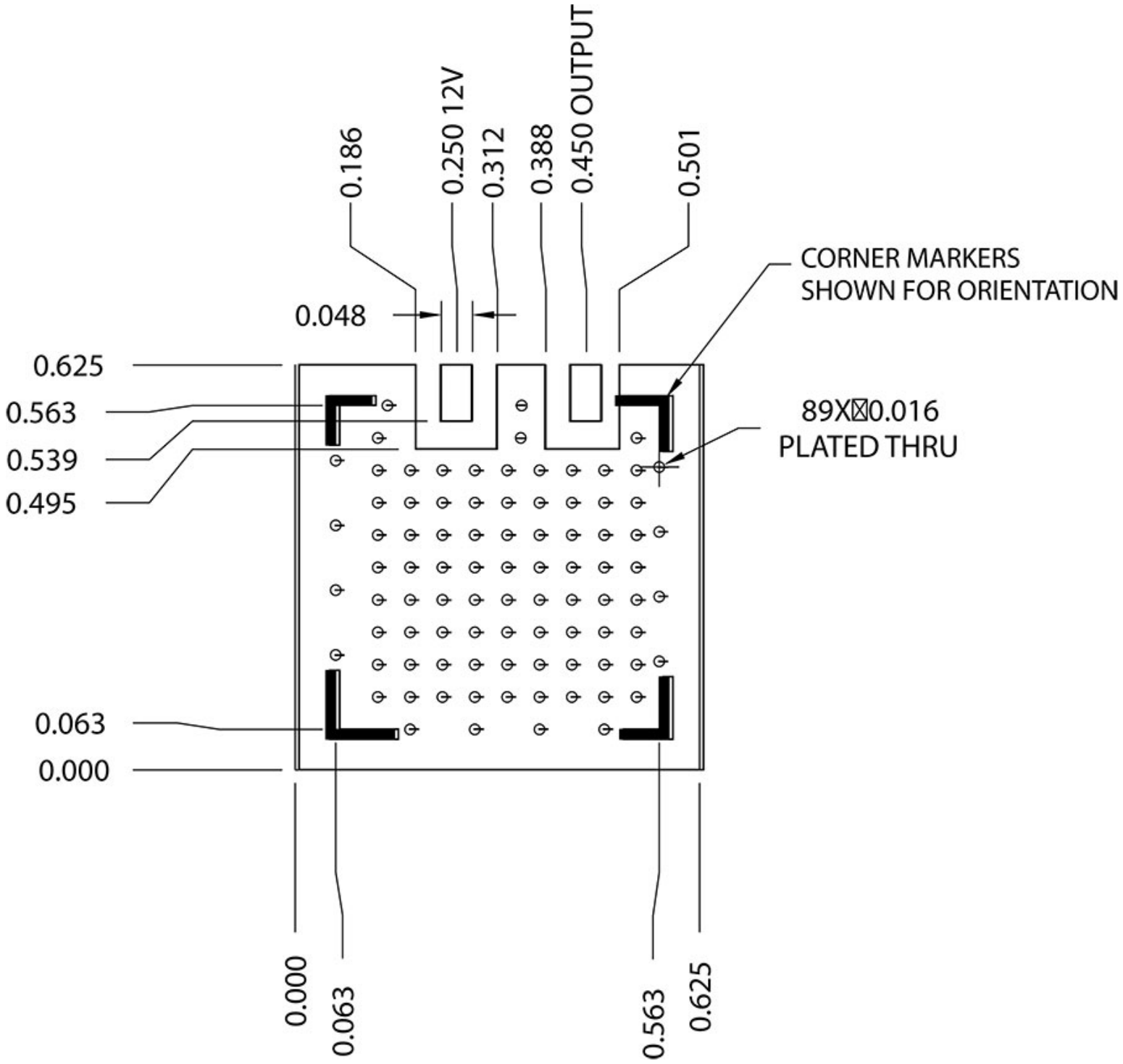
Notes

Specifications subject to change without notice


+12V ±10%
OUTPUT
1 Vp-p
MICRONETICS
SMN7106-D1C
DATE CODE XXYY
S/N
XXXX
(.500)
(.500)

(.15)


.068
.098
.120
.155
.182
.258
.285
.320
.343
.382
2X .452
.432
.000
.000


0.186
0.250 12V
0.312
0.388
0.450 OUTPUT
0.501
CORNER MARKERS
SHOWN FOR ORIENTATION
0.048
0.625
0.563
0.539
0.495
89X⊠0.016
PLATED THRU
0.063
0.000
0.000
0.063
0.563
0.625