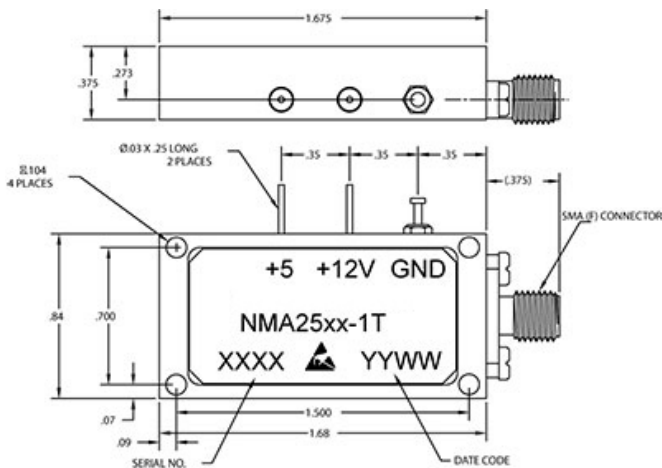


# NMA2517-1T

## 2000 MHz to 8000 MHz

### High Power Broadband Noise Sources



## Specifications

|                                  |                                                     |
|----------------------------------|-----------------------------------------------------|
| RF Frequency                     | 2000 MHz to 8000 MHz                                |
| Noise Output                     | 74 dB Min ENR                                       |
| Noise Spectral Density ( $N_0$ ) | -100 dBm/Hz Min                                     |
| Noise Power (N)                  | -2 dBm                                              |
| Flatness                         | 4 dB P-P Max                                        |
| Peak Factor                      | 5:01                                                |
| Bias Voltage                     | 5 and 12 V                                          |
| Supply Current                   | 5.0 +/- .1 v @ 300 mA Max<br>11.8 - 18v @ 25 mA Max |
| Impedance                        | 50 ohms                                             |

## Package and Connectivity

|                |           |
|----------------|-----------|
| Construction   | Coaxial   |
| Package Type   | T Package |
| Connector Type | SMA(F)    |

## Environmental

|                       |              |
|-----------------------|--------------|
| Operating Temperature | -30 to 85 °C |
| Storage Temperature   | -65 to 95 °C |

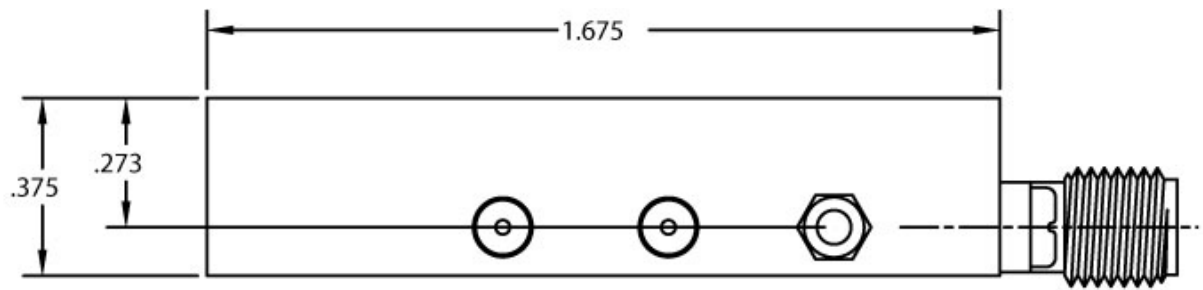
## Notes

No TTL Control



MERCURY COMMERCIAL ELECTRONICS

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



Ø.104  
4 PLACES

Ø.03 X .25 LONG  
2 PLACES

SMA (F) CONNECTOR

