

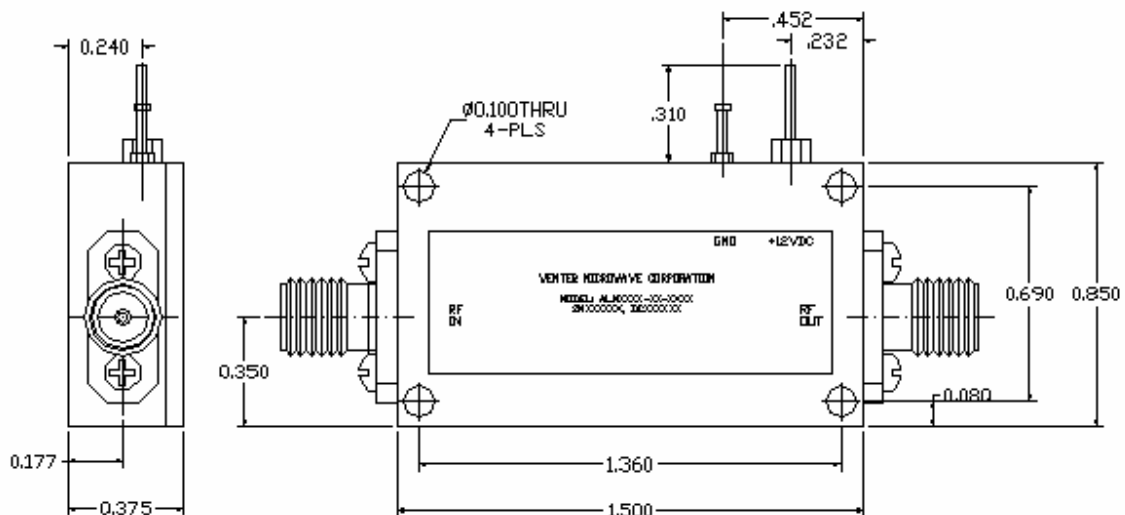
## Features:

- low noise, high gain
- Input protected, 1Watt input no damage
- Low VSWR, unconditional stable
- Small size, low cost
- SMA female connector I/O
- Operating temperature -40~+75°C, storage temperature -50~+85°C

## Electrical Specifications

Frequency Range	0.9 to 1.2 GHz
Noise Figure	1.2 dB Typical, 1.4dB Max @ +25degree C
P-1dB Compression Point	+10dBm min
Nominal Gain	40 dB @ 25°C base plate temperature
Gain flatness	+/-1 dB over whole band
Gain Variation	+/-1.5dB over -40 to +75°C ambient temperature
Maximum input no damage power	1Watt CW
Input VSWR	1.5:1 typical, 1.8:1 Maximum
Output VSWR	1.4:1 typical, 1.6:1 Maximum
Harmonics	-60 dBc max
Spurious	-60 dBc max
Operating Temperature	-40 to +75°C
Survival Temperature	-50 to +85°C
DC Power Supply	100mA @ +12V
In/Out connectors	SMA-type female
Size	1.50"x0.85"x0.375

## Mechanical Structure:



Note: All units in inches.