

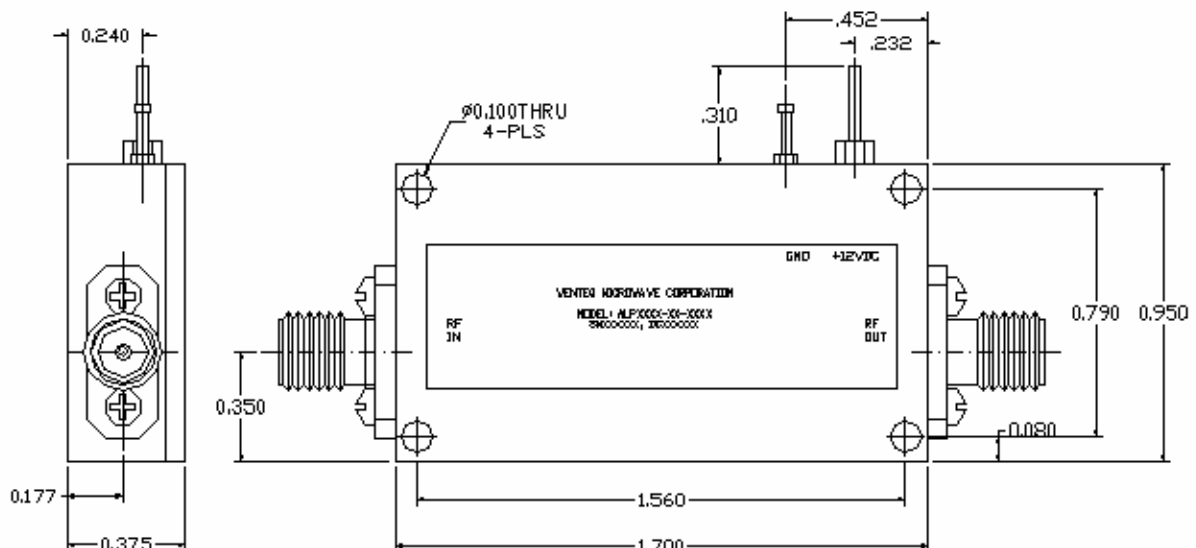
## Features:

- 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 -45~+125°C

## Electrical Specifications

Frequency Range	2.6 to 3.1 GHz
Noise Figure	1.2 dB typical, 1.6 maximum@+25degree C
P-1dB Compression Point	+10dBm min
Nominal Gain	40 dB @25°C base plate temperature
Gain flatness	+/-1.0 dB over whole band
Gain Variation	+/-1.0dB over -10 to +65°C ambient temperature
Maximum input no damage power	1Watt CW
Input VSWR	1.5:1:1 typical, 1.8:1maximum
Output VSWR	1.5:1 typical, 1.8:1 maximum
Spurious	-60 dBc max
Operating Temperature	-40 to +75°C
Survival Temperature	-45 to +125°C
DC Power Supply	120mA@+12V
In/Out connectors	SMA-type female
Size	1.70"x0.95"x0.40

## Mechanical Structure:



Note: All units in inches.