

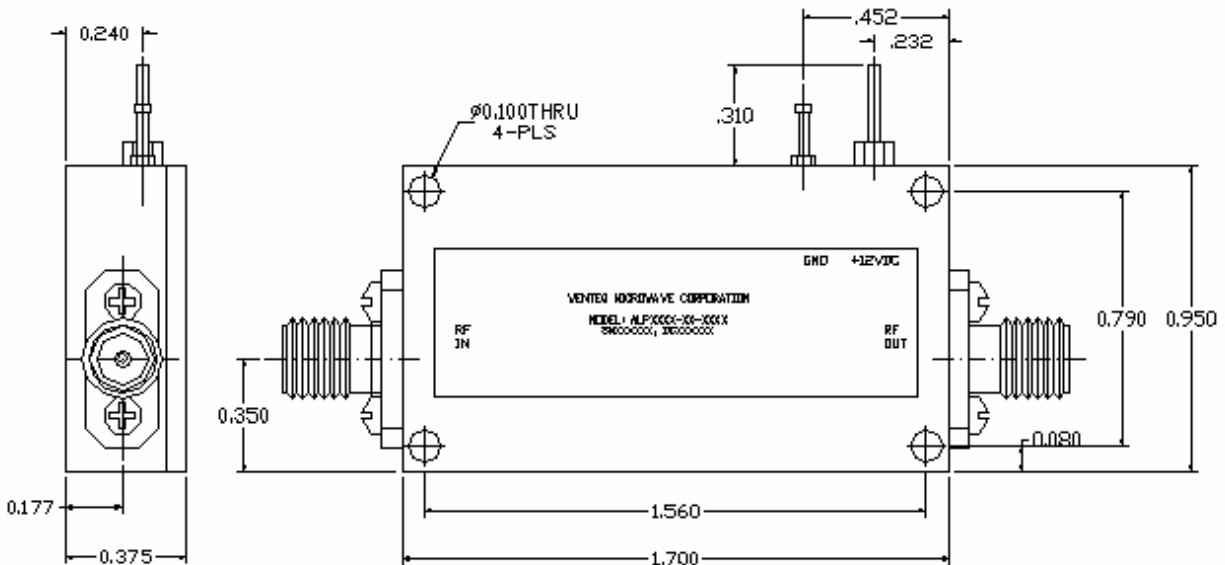
Features:

- low noise, high gain
- Input protected, 1Watt input no damage power
- Low VSWR, unconditional stable
- Small size, low cost
- SMA female connector I/O
- Operating temperature -40~+85°C, storage temperature -55~+125°C

Electrical Specifications

Frequency Range	4.5 to 5.0 GHz
Noise Figure	1.3 dB Typical, 1.5dB Max@+25degree C
P-1dB Compression Point	+10dBm min
Nominal Gain	30 dB @25°C base plate temperature
Gain flatness	+/-1.0 dB over whole band
Gain Variation over -40 to +85°C ambient temperature	+/-1.0dB typical
Maximum input no damage power	1Watt CW
Input VSWR	2.0:1 max
Output VSWR	2.0:1 max
Spurious	-60 dBc max
Operating Temperature	-40 to +85°C
Survival Temperature	-55 to +125°C
DC Power Supply	100mA@+12V
In/Out connectors	SMA-type female
Size	1.70"x0.95"x0.40

Mechanical Structure:



Note: All units in inches.