

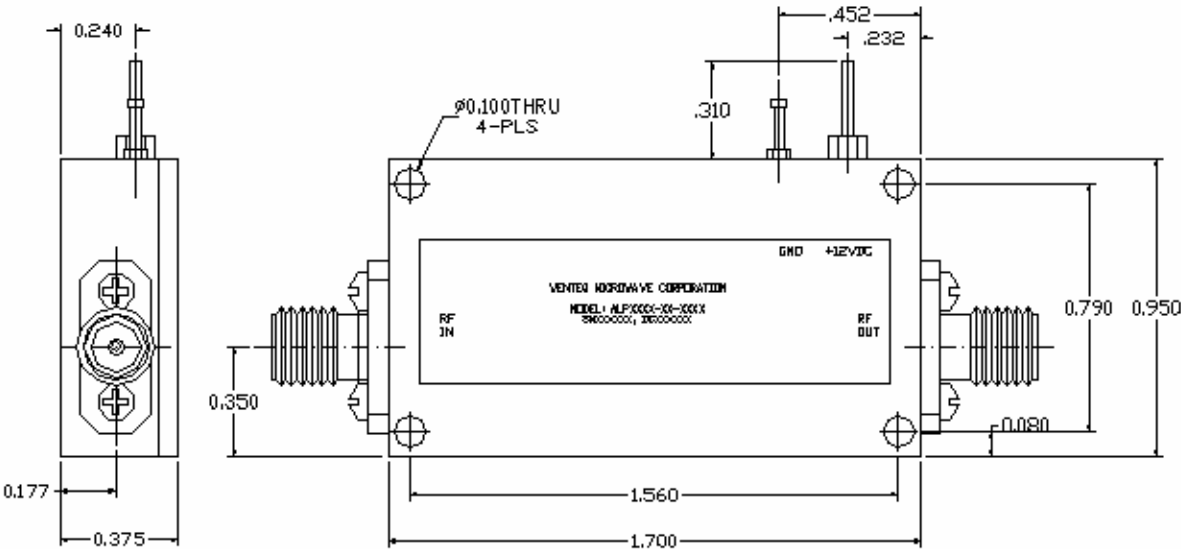
Features:

- low noise, high gain
- Low VSWR, unconditional stable
- Small size, low cost
- SMA female connector I/O
- Operating temperature -20~+65°C, storage temperature -45~+125°C

Electrical Specifications

Frequency Range	7.95 to 8.55 GHz
Noise Figure	1.3dB Max@+25degree C
P-1dB Compression Point	+10dBm typical
Nominal Gain	30 dB minimum@25°C base plate temperature
Gain flatness	+/-0.75 dB over whole band
Gain Variation	+/-1.0dB over -10 to +65°C ambient temperature
Maximum input no damage power	10dBm CW
Input VSWR	2.0:1 max
Output VSWR	2.0:1 max
Harmonics	-60 dBc max
Spurious	-60 dBc max
Operating Temperature	-20 to +65°C
Survival Temperature	-45 to +125°C
DC Power Supply	80mA @+9~+15 V
In/Out connectors	SMA-type female
Size	1.70"x0.95"x0.40

Mechanical Structure:



Note: All units in inches.