

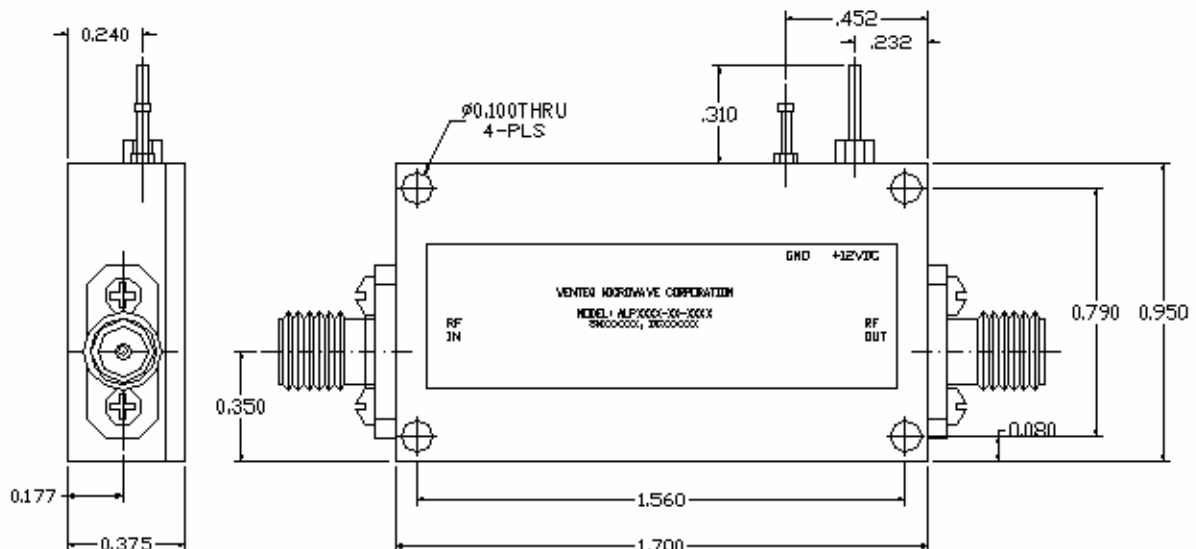
Features:

- High gain, low noise figure
- Low VSWR, unconditional stable
- Small size, low cost
- SMA female connector I/O
- Operating temperature 0~+50°C, storage temperature -45~+125°C

Electrical Specifications

Frequency Range	9.5 to 10.5 GHz
Noise Figure	1.0 dB Typical, 1.3dB Max@+25degree C
P-1dB Compression Point	+10 dBm minimum
Output IP3 Point	+18dBm typical
Nominal Gain	30 dB minimum @25°C base plate temperature
Gain flatness	+/-1.0 dB over whole band
Gain Variation	+/-1.5 dB over temperature
Maximum input no damage power	10 dBm CW
Input VSWR	2.0:1 max
Output VSWR	2.0:1 max
Spurious	-60 dBc max
Operating Temperature	-40 to +75°C
Survival Temperature	-45 to +125°C
DC Power Supply	85mA@+12V
In/Out connectors	SMA-type female
Size	1.70"x0.95"x0.40

Mechanical Structure:



Note: All units in inches.