

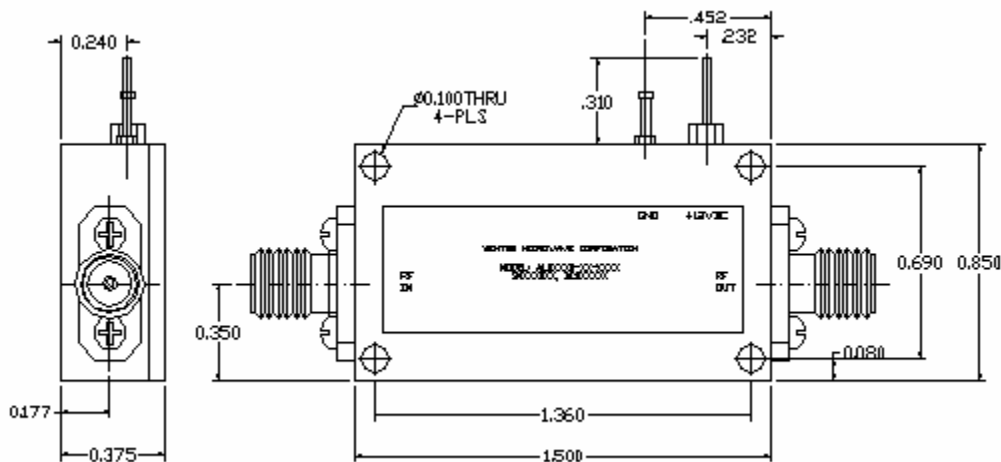
Features:

- low noise, high gain
- 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	1.2 to 1.6 GHz
Noise Figure	0.7 dB typical, 0.8dB Max@ 25°C
P-1dB Compression Point	+10dBm min
Nominal Gain	50 dB @25°C base plate temperature
Gain flatness	+/-1.0 dB over whole band
Gain Variation	+/-1.5dB over -40 to +75°C ambient temperature
Input VSWR	2.0:1 max
Output VSWR	2.0:1 max
Harmonics	-60 dBc max
Spurious	-60 dBc max
Operating Temperature	-40 to +75°C
Survival Temperature	-50 to +85°C
DC Power Supply	90mA@+10~+12 V
In/Out connectors	SMA-type female
Size	1.5"x0.85"x0.375

Mechanical Structure:



Note: All units in inches.