

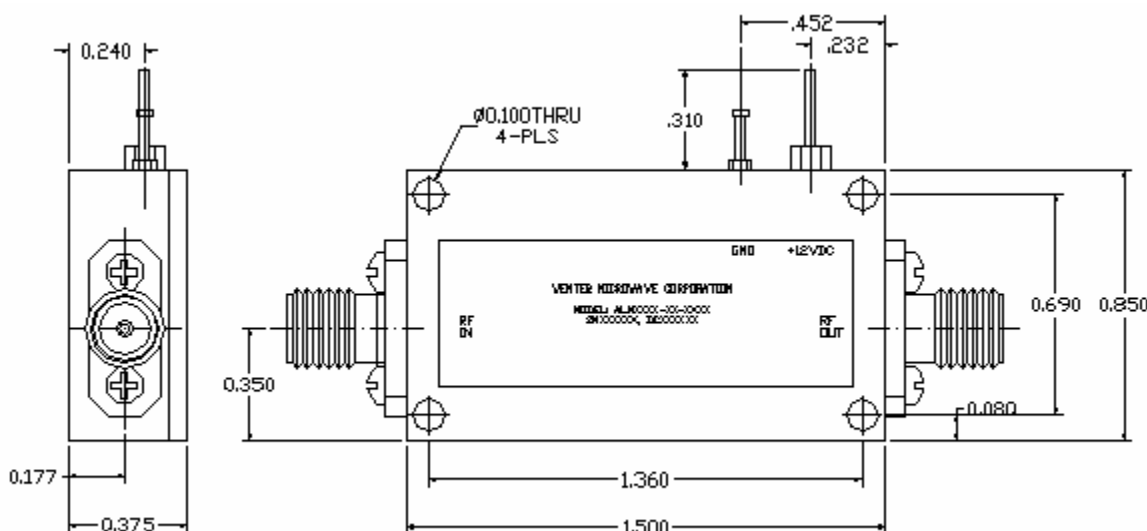
Features:

- 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~+85°C, storage temperature -45~+125°C

Electrical Specifications

Frequency Range	400 to 600 MHz
Noise Figure	0.65 dB Typical, 0.75dB Max@+25degree C
P-1dB Compression Point	+10dBm min
Nominal Gain	35 dB @25°C base plate temperature
Gain flatness	+/-0.75 dB over whole band
Gain Variation	+/-1.0dB over -40 to +85°C ambient temperature
Maximum input no damage power	1Watt CW
Input VSWR	1.5:1 Typical, 1.7:1 max
Output VSWR	1.2:1 typical, 1.5:1 max
Spurious	-60 dBc max
Operating Temperature	-40 to +85°C
Survival Temperature	-50 to +125°C
DC Power Supply	100mA@+12V
In/Out connectors	SMA-type female
Size	1.50"x0.85"x0.375

Mechanical Structure:



Note: All units in inches.