

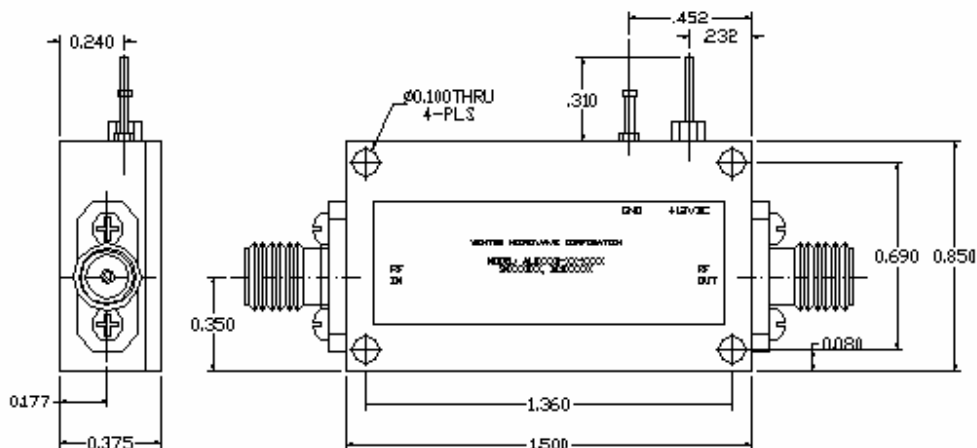
**Features:**

- Broad band, low noise, and high gain, specification for 9 kHz-3GHz.
- Low VSWR, unconditional stable
- Small size, low cost
- SMA female connector I/O
- Single DC power supply, option 1 for +12V DC and option 2 for +15V DC
- Operating temperature -40~+85°C, storage temperature -55~+125°C

**Electrical Specifications**

Frequency Range	9 kHz to 3.0 GHz
Noise Figure, 20MHz~3GHz	2.5dB typical, 3.0 dB Max @ 25°C
Nominal Gain	32 dB @25°C
Gain flatness	+/-1.5 dB
Gain Variation	+/-1.0dB typical
P-1dB Compression Point	+15 dBm minimum
Output IP3	+25 dBm typical
Input VSWR	2.0:1 max
Output VSWR	2.5:1 max
Spurious	-60 dBc max
Operating Temperature	-40 to +85°C
Survival Temperature	-55 to +125°C
DC Power Supply	110mA@+12V (option 1) or +15V (option 2)
In/Out connectors	50 ohm SMA female
Size	1.5"x0.85"x0.375

**Mechanical Structure:**



Note: All units in inches.