

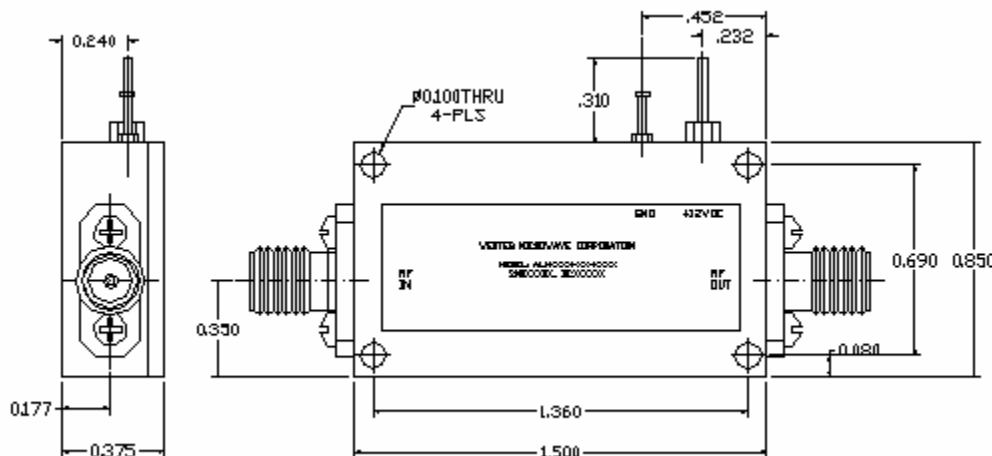
Features:

- Broad band, low noise, and high gain
- Low VSWR, unconditional stable
- Small size, low cost
- SMA female connector I/O
- Operating temperature -40~+85°C, storage temperature -55~+85°C

Electrical Specifications

Frequency Range	10MHz to 1000 MHz
Noise Figure	1.0 dB typical, 1.2 dB Max @ 25°C
Nominal Gain	40 dB @25°C
Gain flatness	+/-1.0 dB typical
Gain Variation	+/-1.0dB typical
P-1dB Compression Point	+18dBm typical, 16dBm Minimum
Output IP3	+28dBm typical
Input VSWR	2.0:1 typical
Output VSWR	2.0:1 typical
Spurious	-60 dBc max
Operating Temperature	-40 to +75°C
Survival Temperature	-55 to +85°C
DC Power Supply	120mA@+12V
In/Out connectors	50 ohm SMA female
Size	1.5"x0.85"x0.375

Mechanical Structure:



Note: All units in inches.