

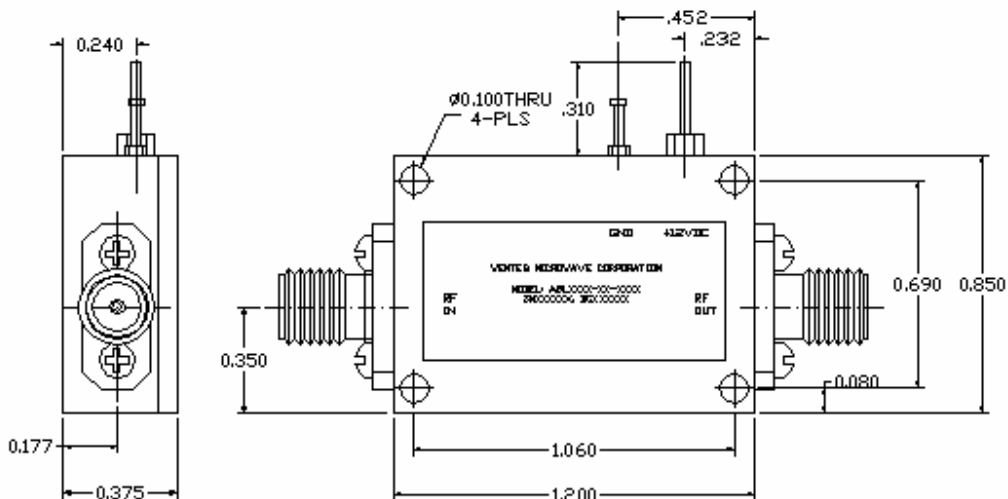
**Features:**

- Broad band, low noise, and high gain
- Low VSWR, unconditional stable
- Small size, low cost
- SMA female connector I/O
- Single +15V DC power supply, low current consumption
- Operating temperature -40~+85°C, storage temperature -55~+85°C

**Electrical Specifications**

Parameters	Specifications		
	Minimum	Typical	Maximum
Frequency Range	0.1 MHz		150MHz
Noise Figure (from 50MHz)		1.7 dB	2.0 dB
P-1dB Compression Point	+10dBm	+12 dBm	
Output IP3	+20dBm	+23 dBm	
Small Signal Gain @25°C	21 dB	23dB	25 dB
Gain flatness		+/-1.0 dB	+/-1.25 dB
Gain Variation		+/-1.0 dB	
Input VSWR		1.5:1	1.7:1
Output VSWR		1.5:1	1.7:1
Reverse Isolation	25 dB	30dB	
Spurious			-60 dBc
Operating Temperature	-40°C		+85°C
Survival Temperature	-55°C		+125°C
DC Voltage	+12V		+15V
DC Supply Current	30 mA	40 mA	55 mA
In/Out connectors	SMA female		
Size	1.2"x0.85"x0.375		

Mechanical Structure:



Note: All units in inches.

Absolute Maximum Ratings

DC Voltage	+18V
RF Input Power	+5 dBm
Storage Temperature	-55~+125°C
Operating Temperature	-40~+85°C