

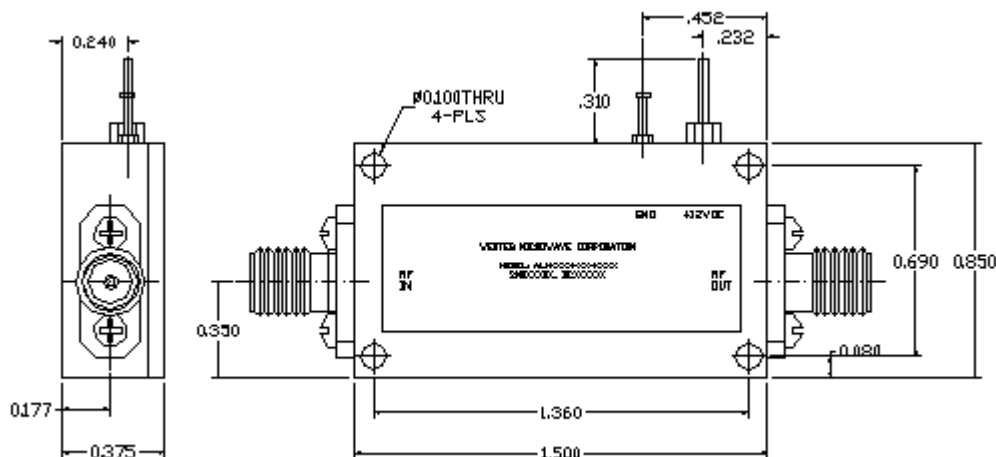
Features:

- Broad band, low noise, and high gain
- Low VSWR, unconditional stable
- Small size, low cost
- SMA female connector I/O
- Operating temperature -40~+75°C, storage temperature -55~+85°C

Electrical Specifications

Parameters	Minimum	Typical	Maximum
Frequency Range	1000MHz		2000 MHz
Noise Figure @25°C		0.8dB	1.0 dB
Small Signal Gain @25°C	30.0	33.0	35.0
Gain flatness		+/-1.0 dB	
Gain Variation		+/-1.0dB	
P-1dB Compression Point	+10.0dBm	+13.0 dBm	
Output IP3	+23.0dBm	+27.0 dBm	
Input VSWR		1.7:1	2.0:1
Output VSWR		1.6:1	2.0:1
Spurious			-60 dBc
Operating Temperature	-40°C		+75°C
Survival Temperature	-55°C		+125°C
DC Power Supply Voltage	+9V		+12V
DC Power Supply Current	90 mA	100 mA	130 mA
In/Out connectors	50 ohm SMA female		
Size	1.5"x0.85"x0.375		

Mechanical Structure:



Note: All units in inches.