

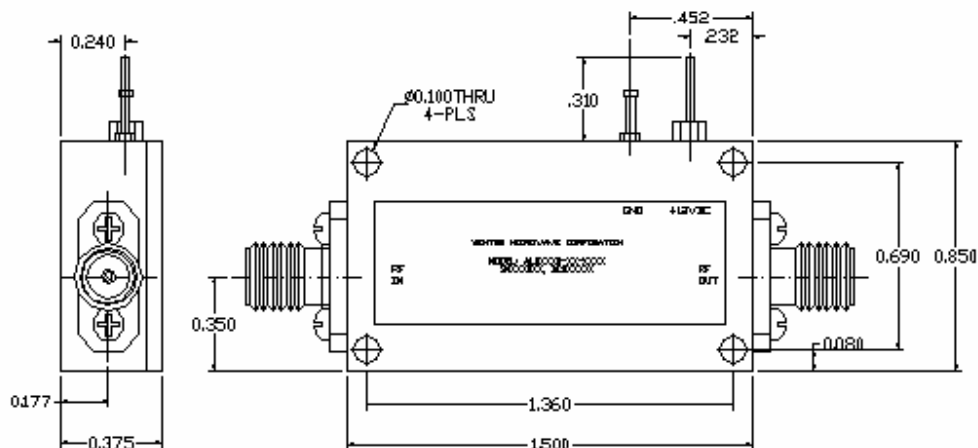
## Features:

- low noise, high gain
- Low VSWR, unconditional stable
- Small size, low cost
- SMA female connector I/O
- Operating temperature -40~+75°C, storage temperature -50~+85°C

## Electrical Specifications

PARAMETERS	MINIMUM	TYPICAL	MAXIMUM
Frequency Range, MHz	300 MHz		400 MHz
Noise Figure		0.6 dB	0.70 dB
P-1dB Compression Point	15 dBm	16.0 dBm	
Nominal Gain@Room Temp	28.0dB	30.0 dB	33.0 dB
Gain flatness		+/-0.35 dB	+/-0.5 dB
Gain Variation over Temp		+/-1.0dB	
Input VSWR		1.35:1	1.5:1
Output VSWR		1.35:1	1.5:1
Reverse Isolation		60 dB	
Spurious			-60 dBc
Operating Temperature	-40°C		+85°C
Survival Temperature	-55°C		+125°C
DC Power Supply Voltage	+10 V	+12V	+15 V
DC Power Supply Current	90mA	110 mA	130mA
In/Out connectors	SMA female		
Size	1.5"x0.85"x0.375		

## Mechanical Structure:



Note: All units in inches.