

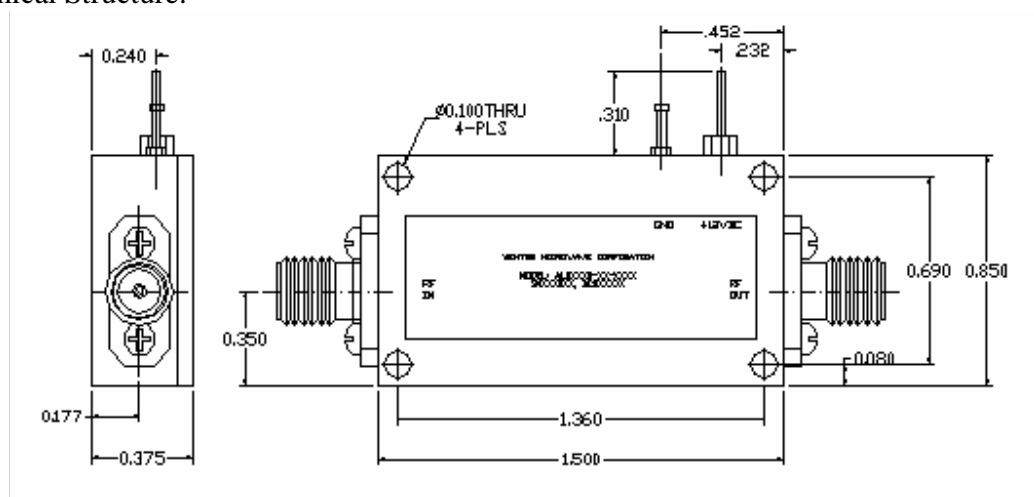
Features:

- low noise, high gain
- Low VSWR, unconditional stable
- Small size, low cost
- SMA female connector I/O
- Operating temperature -40~+85°C, storage temperature -50~+125°C

Electrical Specifications

PARAMETERS	MINIMUM	TYPICAL	MAXIMUM
Frequency Range, MHz	1500 MHz		1800 MHz
Noise Figure		0.7 dB	0.8 dB
P-1dB Compression Point	10 dBm	12.0 dBm	
Nominal Gain@Room Temp	40 dB	42.0 dB	44 dB
Gain flatness		+/-1.0 dB	
Gain Variation over Temp		+/-1.0dB	
Input VSWR		1.35:1	1.60:1
Output VSWR		1.40:1	1.60:1
Reverse Isolation		55 dB	
Spurious			-60 dBc
Operating Temperature	-40°C		+85°C
Survival Temperature	-55°C		+125°C
DC Power Supply Voltage	+10 V		+15 V
DC Power Supply Current	90	120 mA	140
In/Out connectors		SMA female	
Size		1.5"x0.85"x0.375	

Mechanical Structure:



Note: All units in inches.