BROADBAND LOW NOISE AMPLIFIER
ABL1800-33-2225

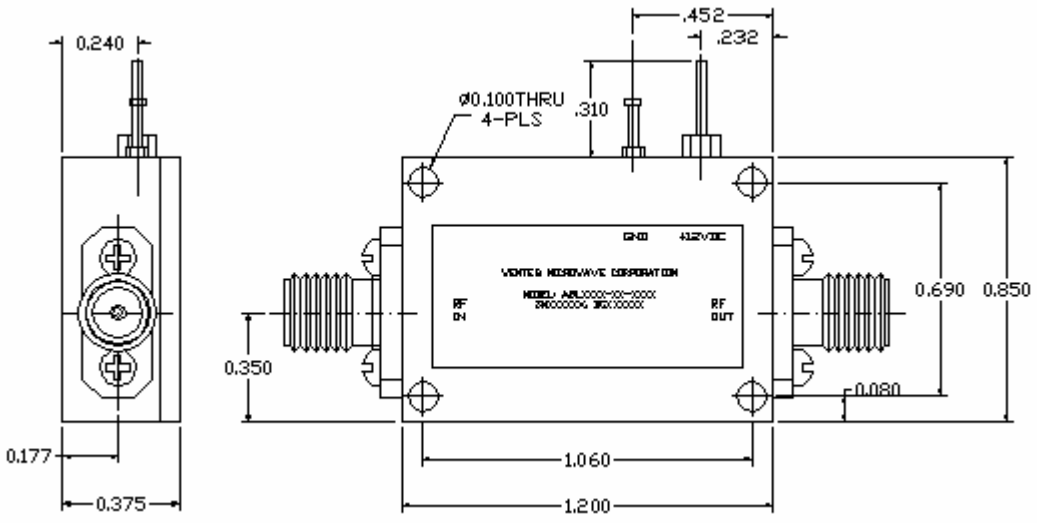
Features:

- 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	6000MHz to 18000 MHz
Noise Figure	2.5dB typical, 3.5dB Max @ 25°C
Nominal Gain	22 dB @25°C
Gain flatness	+/-1.5 dB
Gain Variation	+/-1.0dB typical
P-1dB Compression Point	+9.0dBm typical
Output IP3	+18dBm 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	60mA@+12V
In/Out connectors	50 ohm SMA female
Size	1.2"x0.85"x0.375

Mechanical Structure:



Note: All units in inches.

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