

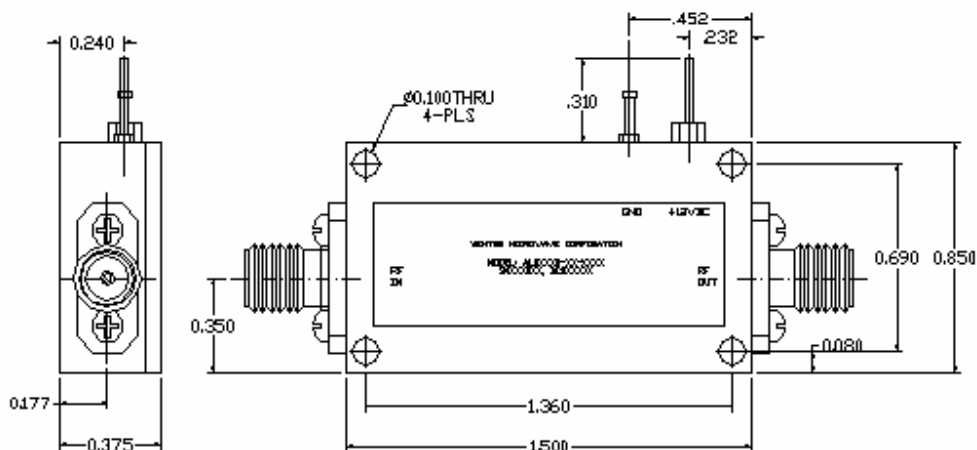
Features:

- 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

|                         |                                    |
|-------------------------|------------------------------------|
| Frequency Range         | 4.4 to 5.0 GHz                     |
| Noise Figure            | 1.2 dB typical, 1.5dB Max@ 25°C    |
| P-1dB Compression Point | +10dBm min                         |
| Nominal Gain            | 36 dB @25°C base plate temperature |
| Gain flatness           | +/-1 dB over whole band            |
| Gain Variation          | +/-1.0dB typical                   |
| Input VSWR              | 1.8:1 max                          |
| Output VSWR             | 1.8:1 max                          |
| Spurious                | -60 dBc max                        |
| Operating Temperature   | -40 to +85°C                       |
| Survival Temperature    | -55 to +85°C                       |
| DC Power Supply         | 100mA @+9~12V, (+15V upon request) |
| In/Out connectors       | SMA-type female                    |
| Size                    | 1.5"x0.85"x0.375                   |

Mechanical Structure:



Note: All units in inches.