

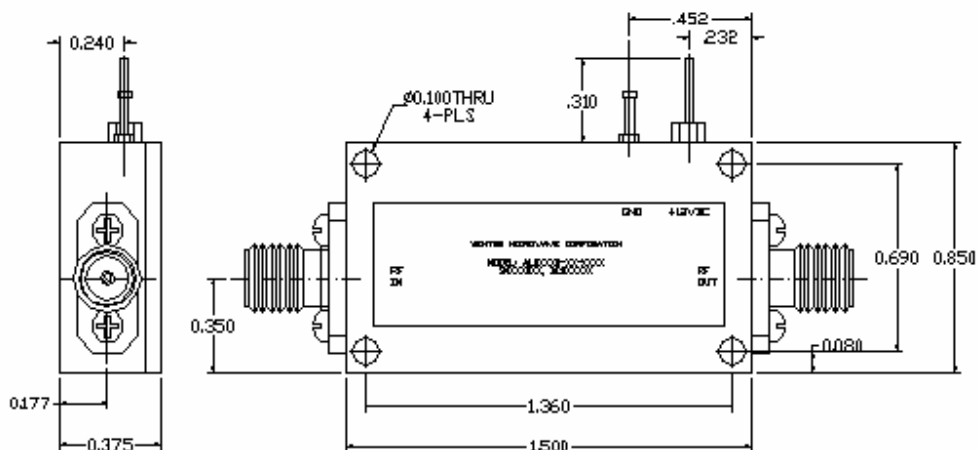
Features:

- 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 | 4.0 to 4.5 GHz |
| Noise Figure | 0.7 dB typical, 0.85dB Max@ 25°C |
| P-1dB Compression Point | +10dBm min |
| Nominal Gain | 30 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 | 2.0:1 max |
| Spurious | -60 dBc max |
| Operating Temperature | -40 to +85°C |
| Survival Temperature | -55 to +85°C |
| DC Power Supply | 100mA@+9~12V |
| In/Out connectors | SMA-type female |
| Size | 1.5"x0.85"x0.375 |

Mechanical Structure:



Note: All units in inches.