

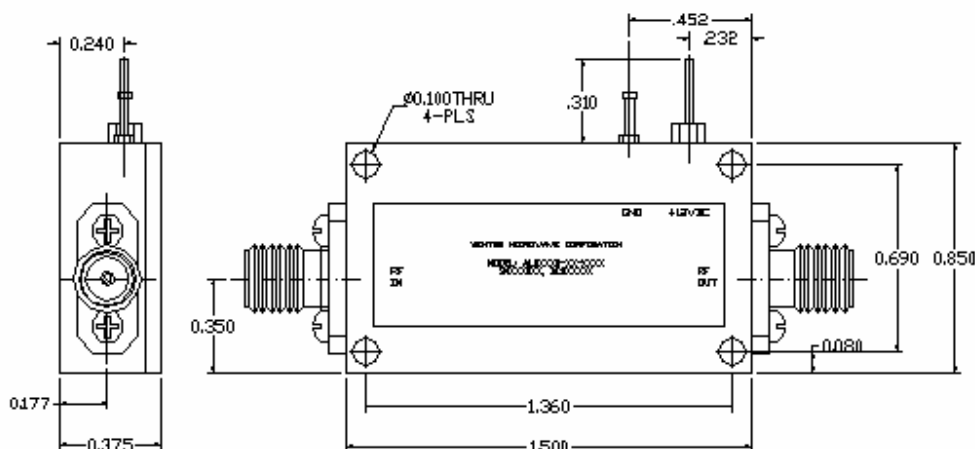
Features:

- 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	Units	Specifications		
		Minimum	Typical	Maximum
Frequency Range	GHz	2.0		2.6
Small Signal Gain @25°C	dB	45.0	48.0	51.0
Noise Figure	dB		0.70	0.85
P-1dB Compression Point	dBm	+15.0	+16.0	
Output IP3	dBm	+27.0	+30.0	
Gain flatness	dB		+/-1.5	+/-1.75
Gain Variation	dB		+/-1.5	
Input VSWR	-		1.5:1	1.7:1
Output VSWR	-		1.5:1	1.7:1
Reverse Isolation	dB		60.0	
Non-Harmonic Spurious	dBc			-60.0
Operating Temperature	°C	-40		+85
Survival Temperature	°C	-55		+125
DC Voltage	V	+10	+12	+15
DC Supply Current	mA	120	140	160
RF In/Out connectors		50 ohm SMA Female Connectors		
Size	inches	1.5x0.85x0.375		

Mechanical Structure:



Note: All units in inches.