

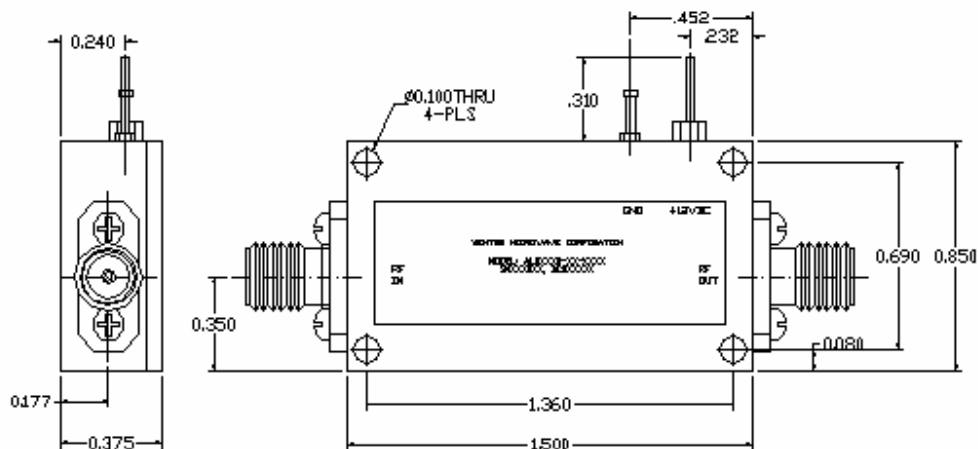
Features:

- low noise, high gain, high output power
- 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	5.1		5.8
Small Signal Gain @25°C	dB	36.0	38.0	40.0
Noise Figure	dB		0.90	1.1
P-1dB Compression Point	dBm	+22.0	+24.0	
Output IP3	dBm	+32.0	+35.0	
Gain flatness	dB		+/-0.25	+/-0.50
Gain Variation	dB		+/-1.0	+/-1.5
Input VSWR	-		1.5:1	1.7:1
Output VSWR	-		1.8:1	2.5:1
Reverse Isolation	dB		50.0	
Non-Harmonic Spurious	dBc			-60.0
Operating Temperature	°C	-40		+75
Survival Temperature	°C	-55		+125
DC Voltage	V	+7	+8	+9
DC Supply Current	mA	250	270	300
RF In/Out connectors		50 ohm SMA Female Connectors		
Size	inches	1.5x0.85x0.375		

Mechanical Structure:



Note: All units in inches.