

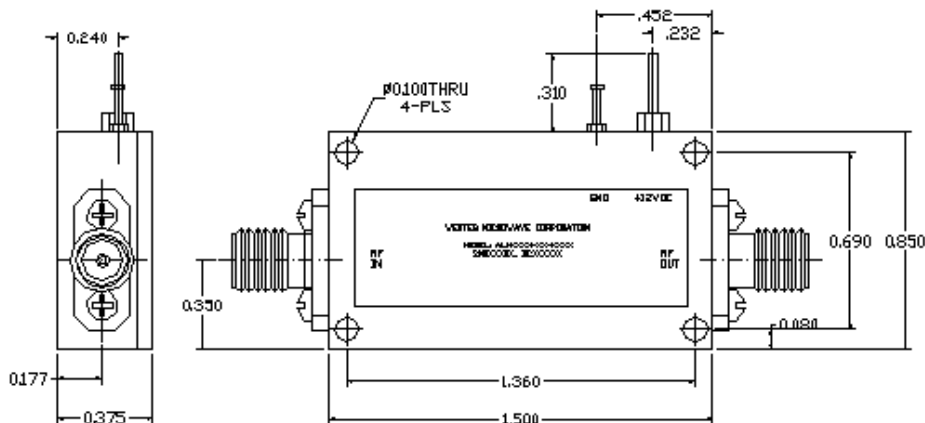
Features:

- Broad band, low noise, and high gain
- Low VSWR, unconditional stable
- Small size, low cost
- SMA female connector I/O
- Operating temperature -40~+75°C, storage temperature -55~+85°C

Electrical Specifications

Parameters	Units	Specifications		
		Minimum	Typical	Maximum
Frequency Range	GHz	1.0		2.0
Small Signal Gain @25°C	dB	22.0	25.0	27.0
Noise Figure	dB		1.3	1.8
P-1dB Compression Point	dBm	+23.0	+24.0	
Output IP3	dBm	+33.0	+37.0	
Gain flatness	dB		+/-1.0	+/-1.5
Gain Variation	dB		+/-1.0	
Input VSWR	-		1.5:1	2.0:1
Output VSWR	-		1.5:1	2.0:1
Reverse Isolation	dB		35.0	
Non-Harmonic Spurious	dBc			-70.0
Operating Temperature	°C	-40		+85
Survival Temperature	°C	-55		+125
DC Voltage	V		+12	
DC Supply Current	mA	130	160	180
RF In/Out connectors		50 ohm SMA Female Connectors		
Size	inches	1.5x0.85x0.375		

Mechanical Structure:



Note: All units in inches.