

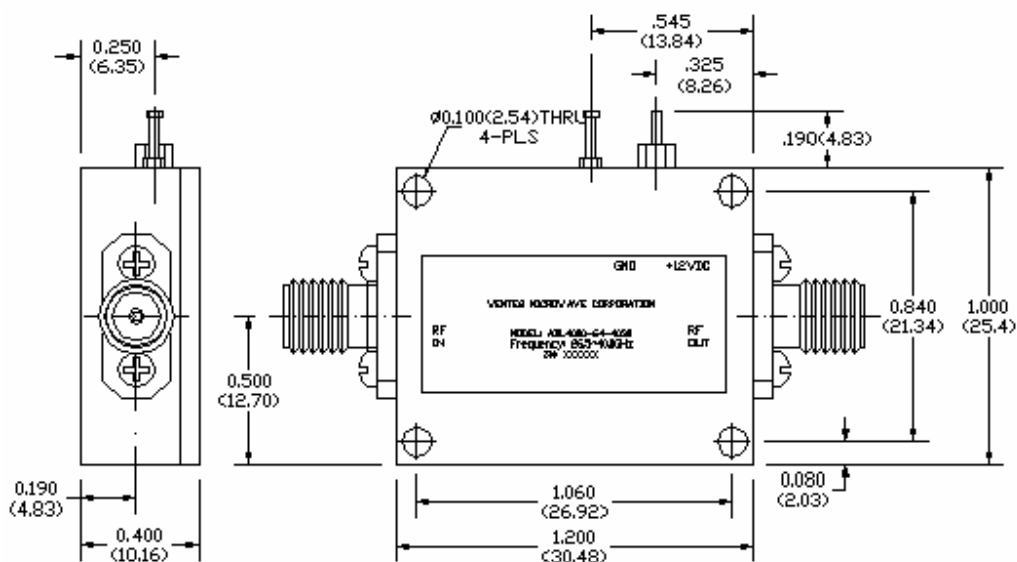
Features:

- 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		12.0
Noise Figure @+25°C	dB	1.0	2.0	2.5
P-1dB Compression Point	dBm	12.0	+14.0	
Nominal Gain @25°C	dB	13.5	16.0	18.5
Gain flatness over frequency	dB		+/-1.5	+/-1.75
Gain Variation over Temperature	dB		+/-1.0	
Input VSWR			2.0:1	3.0:1
Output VSWR			1.7:1	2.0:1
Spurious	dBc			-60.0
Operating Temperature	°C	-40.0		+85.0
Survival Temperature	°C	-55.0		+125.0
DC Power Supply Voltage	V	+9.0	+12.0	+15.0
DC Power Supply Current	mA	55.0	65.0	75.0
In/Out connectors		SMA female		
Size	inches	1.2x1.0x0.4		

Mechanical Structure:



Note: All units in inches.