

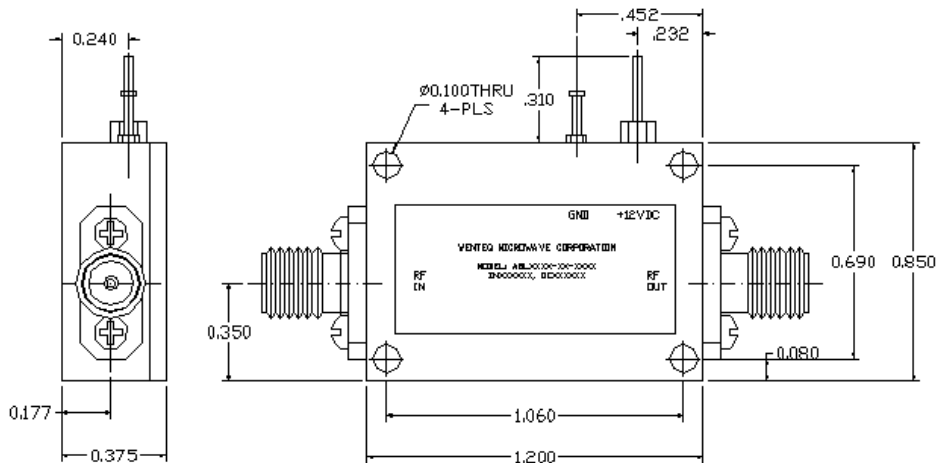
Features:

- low noise, and high gain
- Low VSWR, unconditional stable
- Small size, low cost
- SMA female connector I/O
- Operating temperature -40~+85°C, storage temperature -55~+125°C

Electrical Specifications

Parameters	Units	Specifications		
		Minimum	Typical	Maximum
Frequency Range	GHz	1.0		2.0
Small Signal Gain @25°C	dB	15.0	17.0	19.0
Noise Figure	dB		1.3	2.0
P-1dB Compression Point	dBm	+14.0	+16.0	
Output IP3	dBm	+26.0	+30.0	
Gain flatness	dB		+/-0.75	+/-1.0
Gain Variation	dB		+/-0.5	+/-0.75
Input VSWR	-		1.5:1	2.0:1
Output VSWR	-		1.5:1	2.0:1
Reverse Isolation	dB		25.0	
Non-Harmonic Spurious	dBc			-70.0
Operating Temperature	°C	-40		+85
Survival Temperature	°C	-55		+125
DC Voltage	V		+12	
DC Supply Current	mA	70	90	120
RF In/Out connectors		50 ohm SMA Female Connectors		
Size	inches	1.2x0.85x0.375		

Mechanical Structure:



Note: All units in inches.