

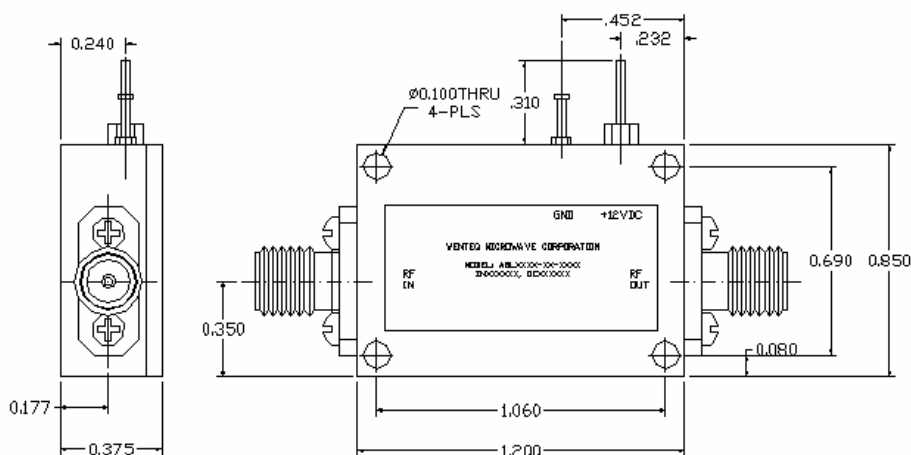
Features:

- 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	3.0		3.5
Small Signal Gain @25°C	dB	26.0	28.0	30.0
Noise Figure	dB		0.8	0.9
P-1dB Compression Point	dBm	+8.0	+10.0	
Output IP3	dBm	+18.0	+20.0	
Gain flatness	dB		+/-0.75	+/-1.0
Gain Variation	dB		+/-0.5	+/-1.0
Input VSWR	-		1.35:1	1.5:1
Output VSWR	-		1.35:1	1.5:1
Reverse Isolation	dB		45.0	
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	30	40	55
RF In/Out connectors		50 ohm SMA Female Connectors		
Size	inches	1.2x0.85x0.375		

Mechanical Structure:



Note: All units in inches.