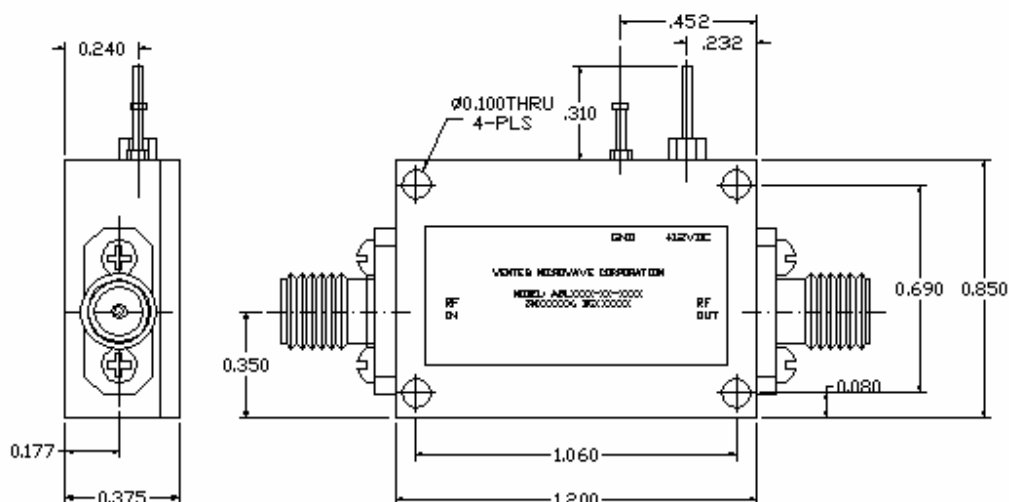


Features:

- low noise, good VSWR, unconditional stable
- Small size, low cost
- SMA female connector I/O
- Single DC power supply, low power consumption
- Operating temperature -40~+85°C, storage temperature -55~+85°C

Electrical Specifications

	Units	Specifications		
		Minimum	Nominal	Maximum
Frequency Range	GHz	6.8		7.1
Noise Figure at 25°C	dB		1.0	1.2
Nominal Gain @25°C	dB	20.0	22.0	24.0
Gain flatness	dB		+/-1.0	
Gain Variation	dB		+/-1.0	
P-1dB Compression Point	dBm		+10.0	
Output IP3	dBm	+17.0	+20.0	
Input VSWR	-		1.6:1	2.0:1
Output VSWR	-		1.6:1	2.0:1
Spurious	dBc			-60.0
Operating Temperature	°C	-40.0		+75.0
Survival Temperature	°C	-55.0		+125.0
DC Power Supply Voltage	V	8.0	12.0	13.0
DC Supply Current	mA	40.0	50.0	65.0
In/Out connectors	-	50 ohm SMA female		
Size	inches	1.2"x0.85"x0.375		

Mechanical Structure:

Note: All units in inches.