

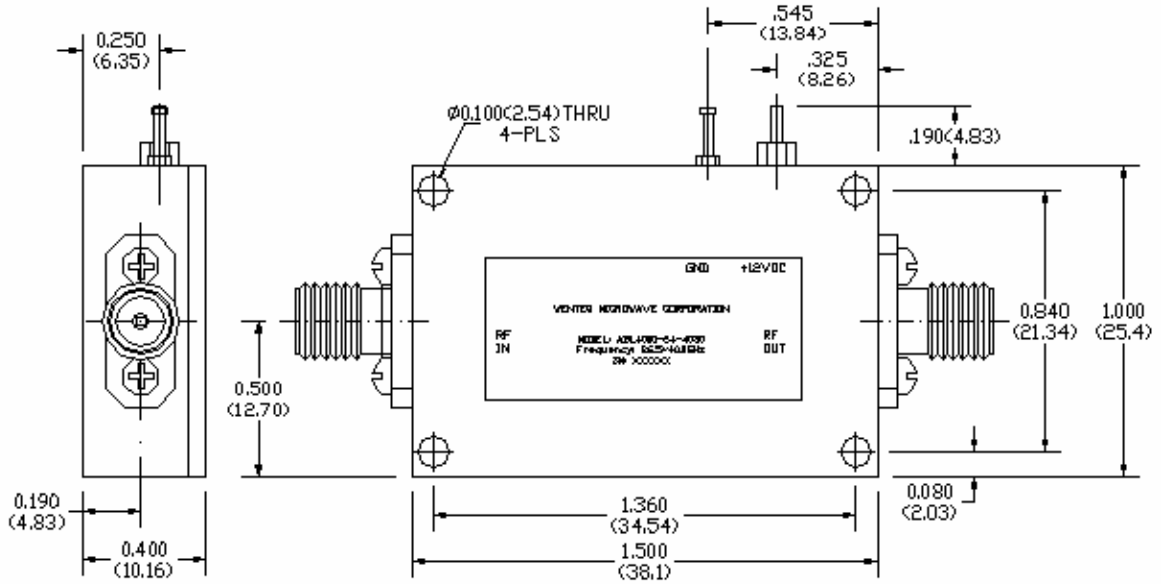
**Features:**

- low noise, and high gain
- Low VSWR, unconditional stable
- Single DC power supply, Built in DC block and voltage regulator
- Small size, low cost
- Female K-connector I/O
- Operating temperature -40~+75°C, storage temperature -55~+125°C

**Electrical Specifications**

Parameters	Specifications		
	Minimum	Typical	Maximum
Frequency Range, MHz	31.0		32.5
Noise Figure @ 25°C		3.5	4.0
Small Signal Gain, dB @25°C	27	30	35
Gain flatness, dB		±1.0	±1.25
Gain Variation		±1.5	±2.0
P-1dB Compression Point, dBm	10.0	12.0	
Output IP3, dBm	16.0	18.0	
Input VSWR		2.0:1	
Output VSWR		2.0:1	
Spurious			-60 dBc
Operating Temperature	-40°C		+75°C
Survival Temperature	-55°C		+125°C
DC Supply Voltage, V	6	9	12
DC Supply Current, mA	100	120	150
In/Out connectors	50 ohm female K-connector		
Size	1.5"x1.0"x0.4"		

Mechanical Structure:



Note: All units in inches (mm).