

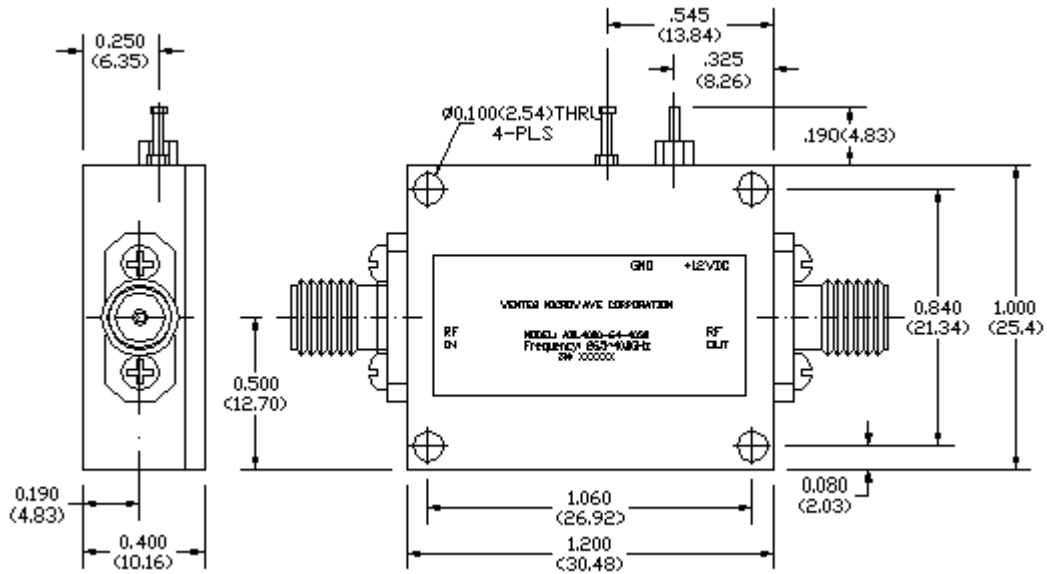
## Features:

- Broad band, low noise, high power output
- Low VSWR, unconditional stable
- K female connector RF I/O
- Single DC power supply required
- Operating temperature -40~+85°C, storage temperature -55~+125°C

## Electrical Specifications

Parameters		Specifications		
		Minimum	Typical	Maximum
Frequency Range	GHz	0.1		26.5
Nominal Gain @25°C base plate temperature	dB	16.0	20.0	13.0
Noise Figure				
1.0~2.5GHz			8.0	11.0
2.5~3.5GHz	dB		4.5	6.0
3.5~24.0GHz			3.0	4.5
24.0~26.5GHz			4.0	5.5
P-1dB Compression Point				
1.0~4.0Ghz	dBm	20.0	22.0	
4.0~22.5GHz		22.0	24.0	
22.5~26.5GHz		17.0	20.0	
Psat at Output	dBm	18.0	25.0	
Output IP3	dB m	20.0	30.0	
Gain flatness	dB		+/-1.0	+/-1.5
Gain Variation over Temperature Range	dB		+/-1.0	
Reverse Isolation	dB	20.0	30.0	
Input VSWR	-		1.7:1	2.5:1
Output VSWR	-		1.7:1	2.5:1
Spurious	dBc			-60.0
Operating Temperature	°C	-40.0		+85.0
Survival Temperature	°C	-45.0		+125.0
DC Power Supply Voltage	V	+11.0	+12.0	+15.0
DC Power Supply Current	mA	200.0	260.0	320.0
RF In/Out connectors		50 ohm K female		
DC Input Connector		Feedthru Pin		
Size	inches	1.20×0.85×0.375		

Mechanical Structure:



Note: All units in inches.

Absolute Maximum Ratings

DC Voltage	+18V
RF Input Power	+23 dBm
Storage Temperature	-55~+125°C
Operating Temperature	-40~+85°C