

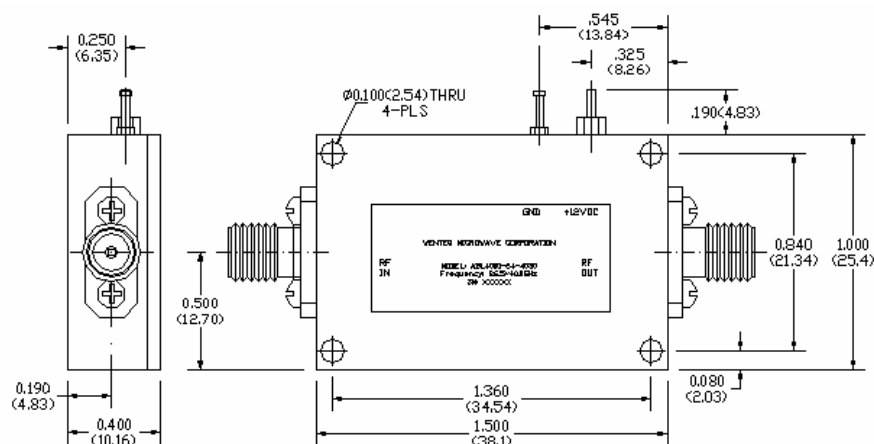
Features:

- 35dB gain at 39.5~40.5GHz, 30dBm minimum output power at P1dB
- Low VSWR, unconditional stable
- Small size, low cost
- K-female connectors
- Built-in DC-DC inverters and sequential circuits, only single DC power supply is required
- Operating temperature -40~+75°C, storage temperature -45~+125°C

Electrical Specifications

Parameters	Minimum	Typical	Maximum
Frequency Range	39.5 GHz		40.5 GHz
Small Signal Gain @25°C	30 dB	35dB	38 dB
P-1dB Compression Point	+30.0dBm	+30.5 dBm	
Output IP3		+38 dBm	
Gain flatness		+/-1.0 dB	+/-1.25 dB
Gain Variation		+/-2.5 dB	
Noise Figure		4.0 dB	5.0 dB
Input VSWR		1.7:1	2.0:1
Output VSWR		1.7:1	2.0:1
Reverse Isolation		45 dB	
Non-Harmonic Spurious			-60 dBc
Operating Temperature	-40°C		+75°C
Survival Temperature	-55°C		+125°C
DC Voltage	+4.5V	+5V	+5.5 V
DC Supply Current	1.0 A	1.3 A	1.6 mA
In/Out connectors	K-female		
Size	1.5"x1.0"x0.4"		

Mechanical Structure:



Note: All units in inches.