

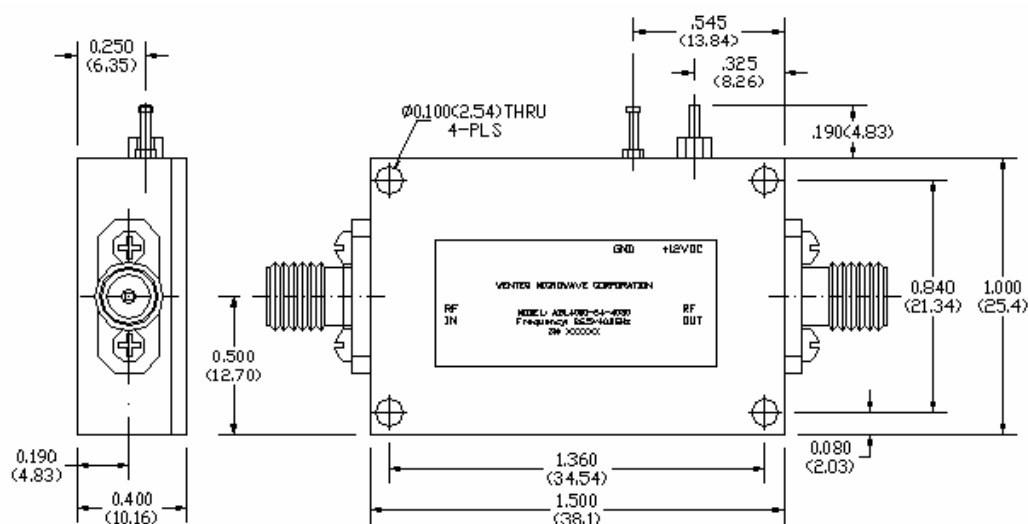
Features:

- +31dBm typical output power at 1-dB gain compression point,
- Low VSWR, unconditional stable
- Small size, low cost
- K female connector I/O
- Operating temperature -40~+75°C, storage temperature -55~+85°C

Electrical Specifications

Parameters	Units	Specifications		
		Minimum	Typical	Maximum
Frequency Range	GHz	17.0		22.0
P-1dB Compression Point	dBm	+30.0	+31.0	
Output IP3	dBm	+37.0	+40.0	
Saturated output power		32.0	33.0	
Nominal Gain @25°C	dB	32.0	35.0	38.0
Gain flatness over frequency	dB		+/-2.0	+/-2.5
Gain Variation over Temperature	dB		+/-2.0	+/-2.5
Input VSWR			1.8:1	2.2:1
Output VSWR			1.8:1	2.2:1
Spurious	dBc			-60.0
Operating Temperature	°C	-40.0		+75.0
Survival Temperature	°C	-45.0		+125.0
DC Power Supply Voltage	V	+6.5	+7.0	+7.5
DC Power Supply Current	mA	750	880	990
In/Out connectors		SMA female		
Size	inches	1.5x1.2x0.4		

Mechanical Structure:



Note: All units in inches.