

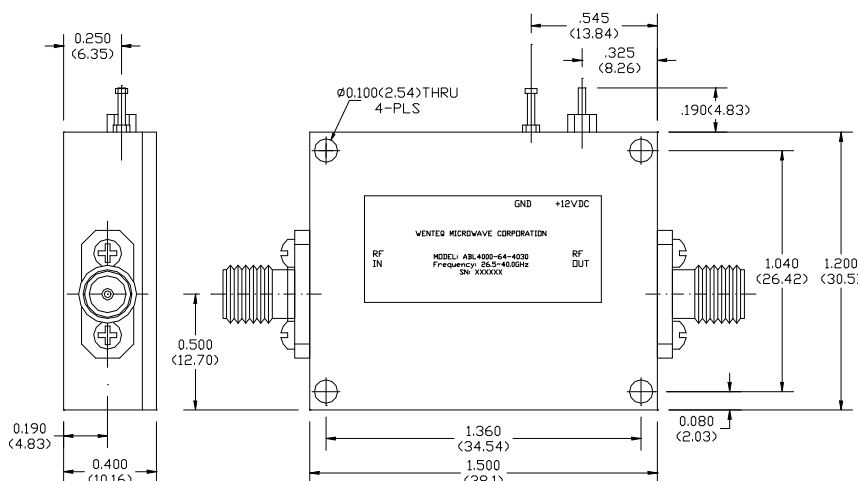
Features:

- high gain and high power output
- 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	27		31.5
Noise Figure @+25°C	dB		5.0	8.0
P-1dB Compression Point	dBm	+31.0	+32.0	
Output IP3	dBm	+37.0	+40.0	
Nominal Gain @25°C	dB	32.5	35.0	37.5
Gain flatness over frequency	dB		+/-1.25	+/-1.5
Gain Variation over Temperature	dB		+/-1.5	
Input VSWR			1.8:1	2.2:1
Output VSWR			1.8:1	2.2:1
Spurious	dBc			-60.0
Operating Temperature	°C	-20.0		+75.0
Survival Temperature	°C	-45.0		+125.0
DC Power Supply Voltage	V	+11.0	+12.0	+13.0
DC Power Supply Current	mA	900	1000	1200
In/Out connectors		K female		
Size	inches	1.5x1.2x0.4		

Mechanical Structure:



Note: All units in inches.