

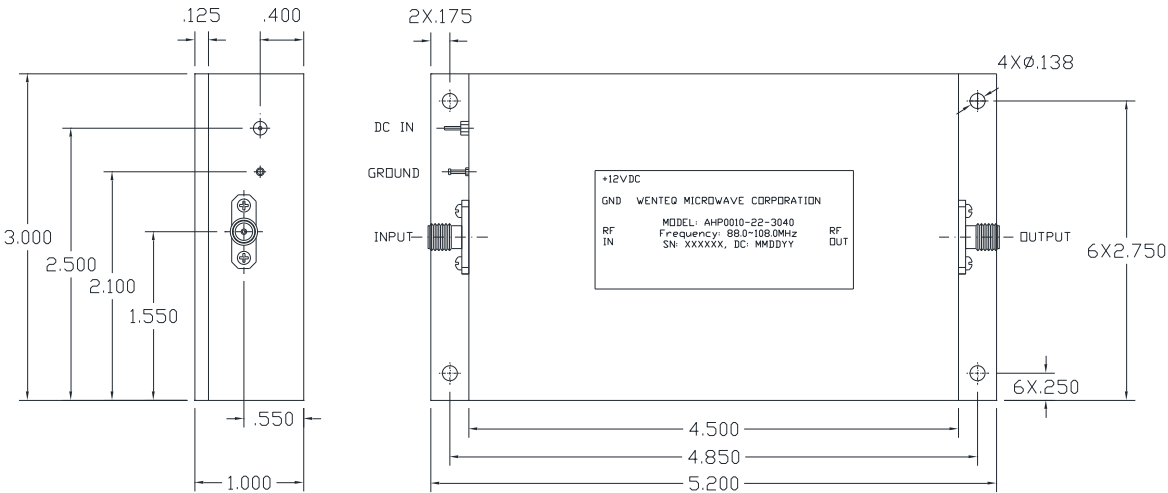
Features:

- 5 Watt output power
- Good VSWR, unconditional stable
- Class AB operation for high efficiency
- SMA female connector I/O
- Operating temperature -20~+65°C, storage temperature -45~+125°C

Electrical Specifications

Parameters	Units	Specifications		
		Minimum	Typical	Maximum
Frequency Range	MHz	20		1500
P-1dB power at output	dBm	+30.0	+31.0	
P-3dB power at output	dBm	+36.0	+37.0	
Nominal Gain@25°C base plate temperature	dB	33.0	35.0	38.0
Gain flatness	dB		+/-1.5	+/-2.0
Gain Variation over temperature	dB		+/-1.5	
Noise Figure	dB		3.0	4.0
Input VSWR			1.5:1	2.0:1
Output VSWR			1.8:1	2.5:1
Spurious	dBc			-60.0
Operating Temperature	°C	-40.0		+75.0
Survival Temperature	°C	-45.0		+125.0
DC Power Supply Voltage	V	25.0	28.0	30.0
DC Current				
Quiescent (no RF)	mA		250	350
@Pout=+37dBm			500	700
In/Out connectors		SMA-type female		
Size	inches	5.2x3.0x1.0		

Mechanical Structure:



Note: All units in inches.