

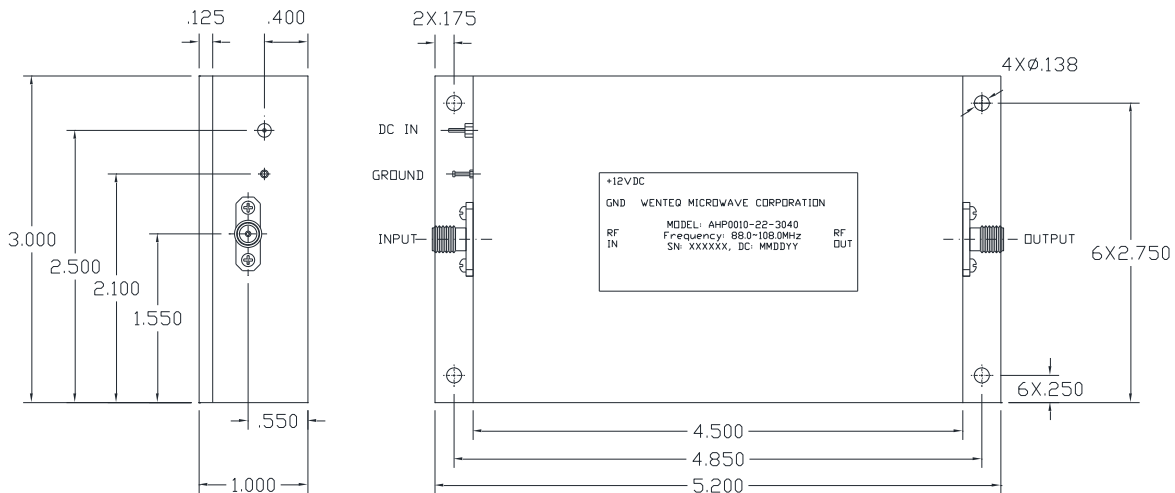
Features:

- High power output, 10 Watt P-1dB power output
- 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	30.0		90.0
P-1dB Compression Point	dBm	+39.0	+40.0	
Output IP3	dBm		55.0	
Nominal Gain@25°C base plate temperature	dB	37.0	40.0	43.0
Gain flatness	dB		+/-1.0	
Gain Variation over temperature	dB		+/-1.5	
Input VSWR			1.5:1	2.0:1
Output VSWR			1.8:1	2.0:1
Spurious	dBc			-60.0
Operating Temperature	°C	-40.0		+75.0
Survival Temperature	°C	-45.0		+125.0
DC Power Supply Voltage	V	48.0	50.0	53.0
DC Current				
Quiescent (no RF)	mA		100	200
@Pout=+40dBm			500	650
In/Out connectors		SMA-type female		
Size	inches	5.2x3.0x1.0		

Mechanical Structure:



Note: All units in inches.