

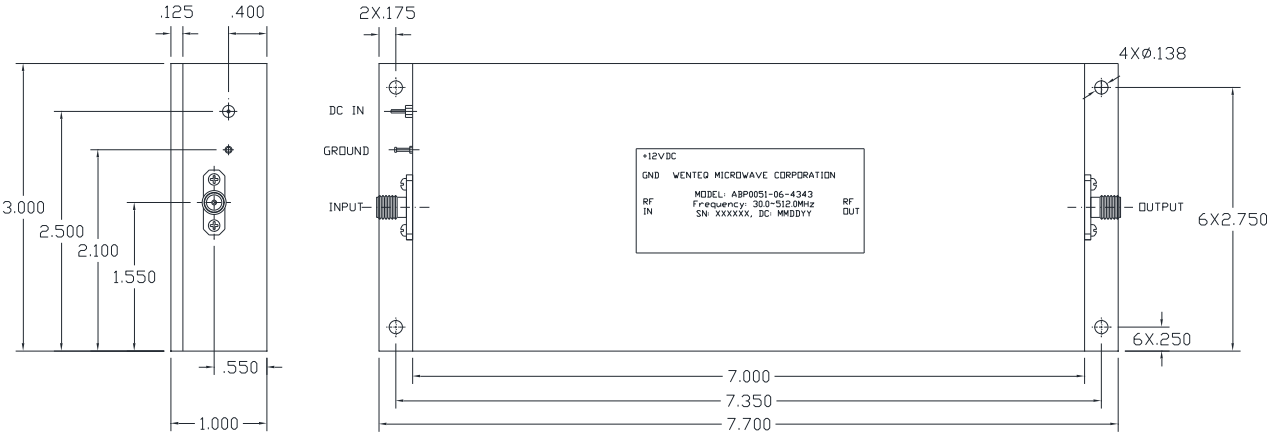
Features:

- High power output, 30 Watt P-1dB typical 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	20		512.0
P-1dB Compression Point	dBm	+44.0	+45.0	
Output IP3	dBm	+52.0		
Nominal Gain@25°C base plate temperature	dB	42.0	46.0	50.0
Gain flatness	dB		+/-2.0	
Gain Variation over temperature	dB		+/-1.5	
Input VSWR			1.5:1	2.0:1
Output VSWR			2.0:1	3.0:1
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		200	300
@Pout=+45dBm			1800	2500
In/Out connectors		SMA-type female		
Size	inches	7.7x3.0x1.0		

Mechanical Structure:



Note: All units in inches.