

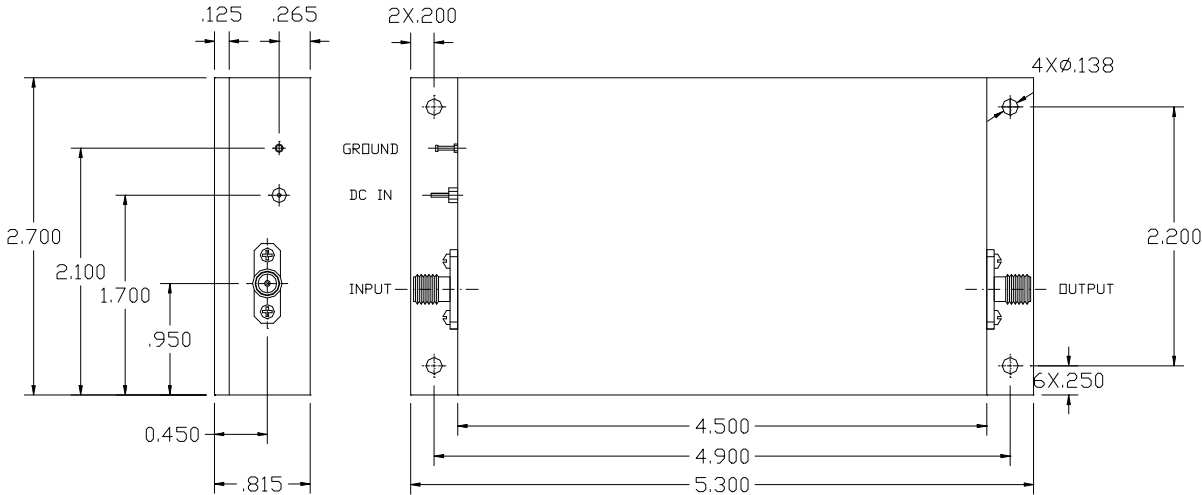
Features:

- High power output, 3 Watt P-1dB power output
- Good VSWR, unconditional stable
- Built-in output isolator provide good VSWR as well as output short or open protection
- 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	9500		10500
P-1dB Compression Point	dBm	+35.0	+35.5	
Output IP3	dBm		45.0	
Nominal Gain@25°C base plate temperature	dB	31.0	33.0	35.0
Gain flatness	dB		+/-1.0	+/-1.15
Gain Variation over temperature	dB		+/-1.5	
Input VSWR			1.5:1	1.8:1
Output VSWR			1.5:1	1.6:1
Spurious	dBc			-60.0
Operating Temperature	°C	-20.0		+65.0
Survival Temperature	°C	-45.0		+125.0
DC Power Supply Voltage	V	11.5	12.0	12.5
DC Current	A		2.0	2.5
In/Out connectors		SMA-type female		
Size	inches	5.3x2.7x0.815		

Mechanical Structure:



Note: All units in inches.