

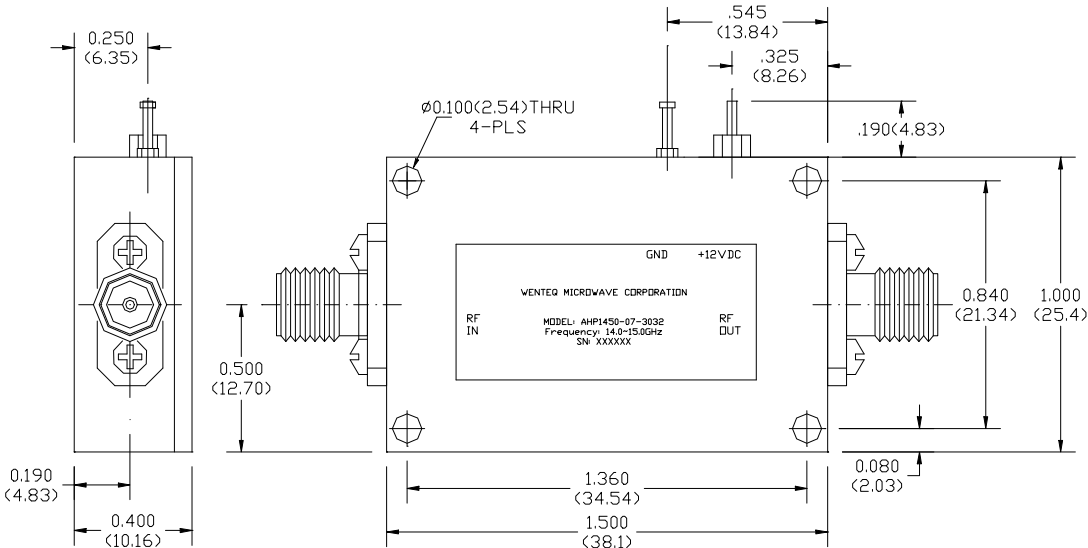
**Features:**

- High power output, 1.5 Watt minimum P-1dB power output
- Good VSWR, unconditional stable
- Built-in Regulator, single DC power supply required only
- SMA female connector I/O
- Operating temperature -20~+65°C, storage temperature -45~+125°C
- Requires external heatsink for normal operation

**Electrical Specifications**

Parameters	Units	Specifications		
		Minimum	Typical	Maximum
Frequency Range	MHz	14.0		15.0
P-1dB Compression Point	dBm	+31.8	+32.5	
Output IP3	dBm	38.0	40.0	
Nominal Gain@25°C base plate temperature	dB	27.0	30.0	32.0
Gain flatness	dB		+/-0.5	
Gain Variation over temperature	dB		+/-1.0	
Input VSWR			1.7:1	2.0:1
Output VSWR			1.7:1	2.0:1
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	13.0
DC Current	A		0.90	1.3
In/Out connectors		SMA-type female		
Size	inches	1.5×1.0×0.4		

**Mechanical Structure:**



Note: All units in inches.