



**AMPLIFIER MODULE**  
**25-500 MHz**  
**80 Watts\***  
**Gain: 35 dB**



Temperature Compensation

P/N 500-25-80-35-8IS

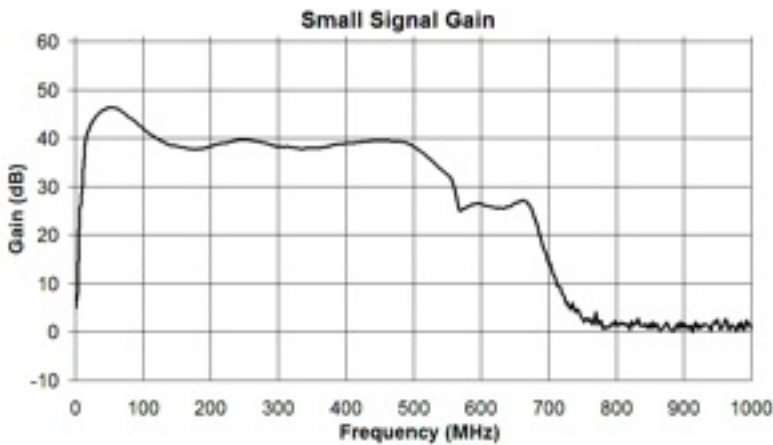
**PERFORMANCE**

Parameters	Value
Main DC Supply	28Vdc **
Quiescent Current	1.5 A
Class	AB Linear
Supply Current	9.9 A (Maximum at 80 Watts)
Gain	35 dB (Minimum)
Spurious	-60 dBc
External Enabled	Pull low to disable ***
Disabled Current	15mA (Maximum 10mA typical)
Disable/Enable Time	5uS/30uS Maximum (20uS typical)
Size	5.6" x 2.5" x 1.19" *
Weight	1 lb
Operating Temperature	-40 C to +80 C
Over Temp Protection	+90 C (Case Temperature)
Drive to Achieve 80 Watts	15dBm (21dBm no damage)
Output Power at P1dB	49dBm (Typical 47dBm Minimum)

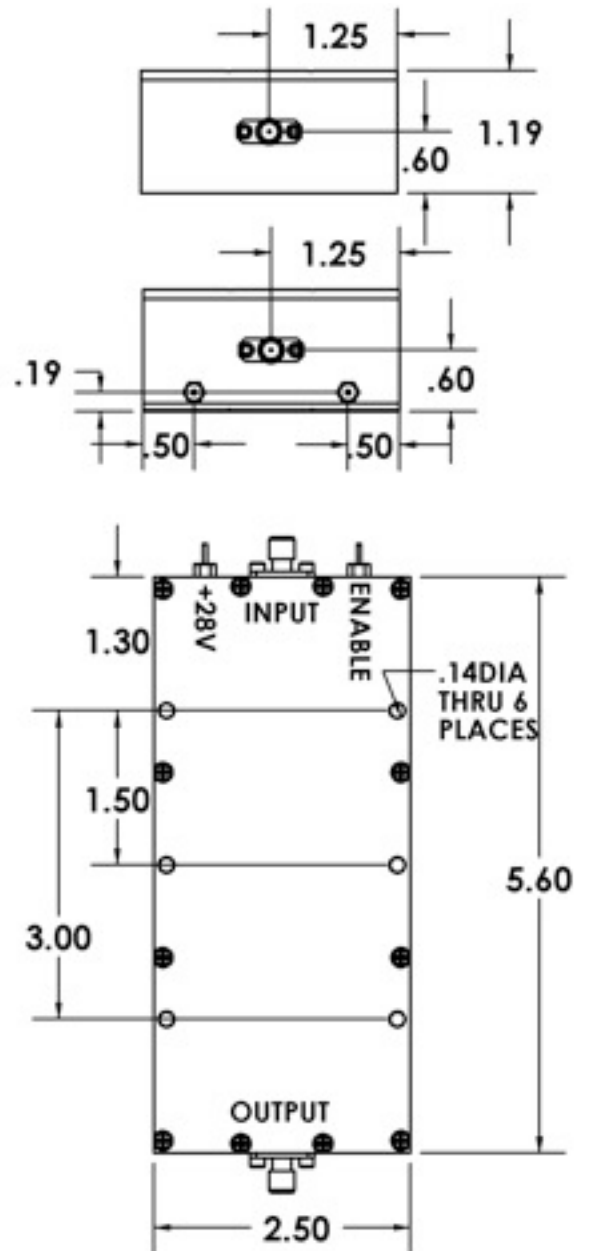
\* Minimum

\*\* Graceful degradation to 18 Vdc

\*\*\*TTL Compatible with over voltage protection



**Outline**





**AMPLIFIER MODULE**  
**25-500 MHz**  
**80 Watts\***  
**Gain: 35 dB**



**Temperature Compensation**

**P/N 500-25-80-35-8IS**