

PA1162
4 Watt

800-960 MHz.
Ultra Linear Power Amplifier



M/A-COM

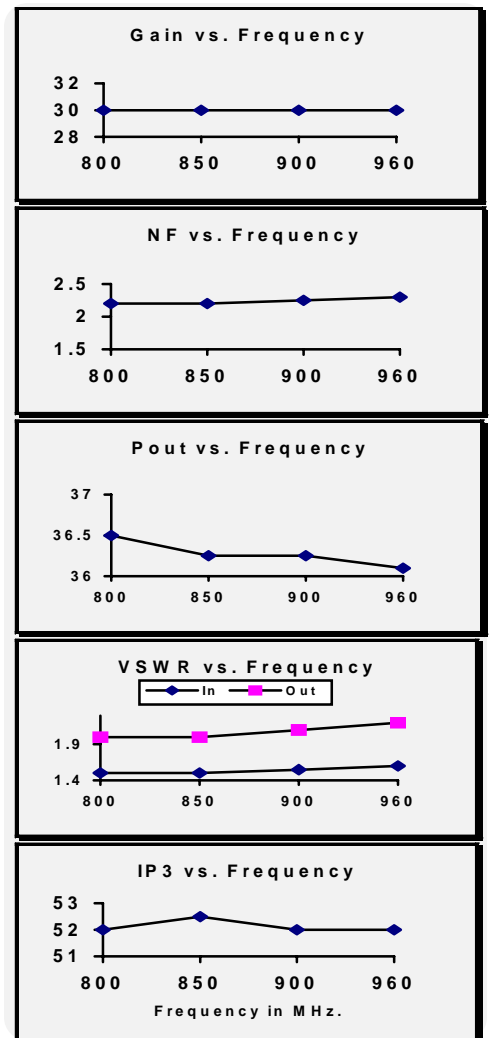


Features (typical values)

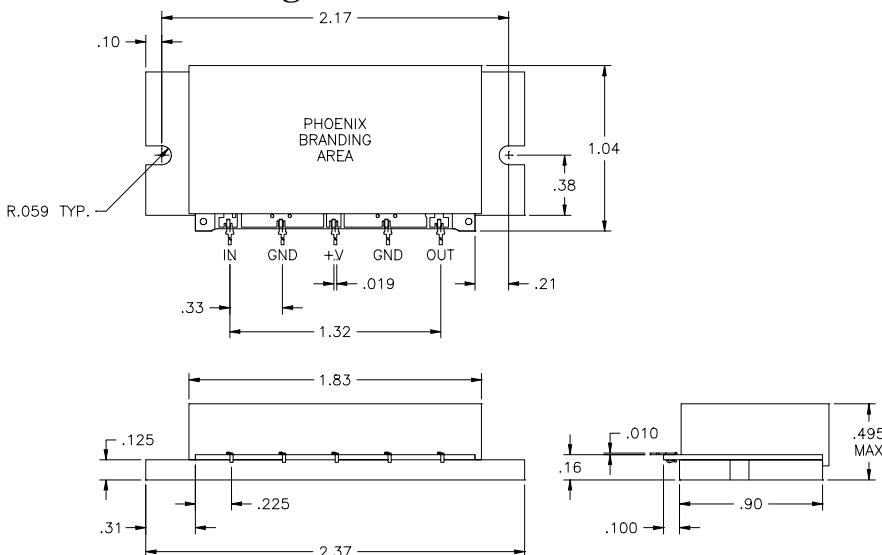
- High IP3** +52.0 dBm.
- Low NF** 2.3 dB.
- High Output Power** +36.2 dBm.
- Low Cost**

Parameter	Typical Value	Min. Value	Max. Value	Units
Frequency		800	960	MHz.
Gain	30.0	28.0		dB.
Gain Flatness	±0.4		±1.0	dB.
Reverse Isolation	45			dB.
Pout @ 1dB. comp.	36.2	35.5		dBm.
Noise Figure	2.3		3.7	dB.
VSWR (Input/Output)	1.5:1/2:1		2:1/2.5:1	
IP3 (two tone)	+52.0	+50.0		dBm.
Supply Required	+10/1450		+10/1700	v./mA.

Typical Performance @ 25°C



Outline Drawings



Maximum Ratings

- Storage Temperature -40°C to +125°C
- DC Voltage +12 volts
- RF Input Power +11 dBm.
- Case Temperature +95°C