PA1162 — 800-960 MHz.

4 Watt — Ultra Linear Power Amplifier

tyco Electronics

M/A-COM

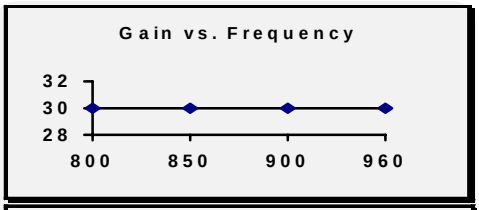
Features (typical values)

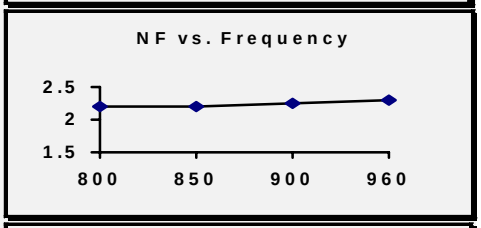
High IP3 ..... +52.0 dBm.
Low NF .....2.3 dB.
High Output Power ..... +36.2 dBm.
Low Cost

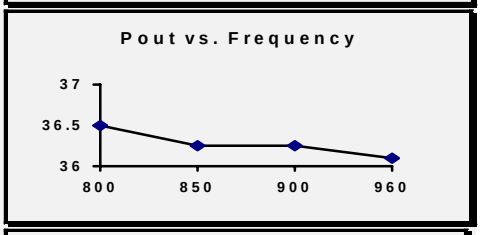
Parameter	Typical Value	Min. Value	Max. Value	Units
Frequency		800	960	MHz.
Gain	30.0	28.0		dB.
Gain Flatness	±0.4		±1.0	dB.
Reverse Isolation	45			dB.
Pout @ 1dB. comp.	36.2	35.5		dBm.
Noise Figure	2.3		3.7	dB.
VSWR (Input/Output)	1.5:1/2:1		2:1/2.5:1	
IP3 (two tone)	+52.0	+50.0		dBm.
Supply Required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

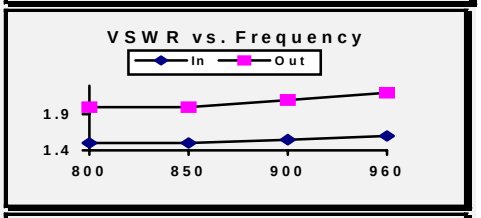
IP3 measured with 2 tones @+22dBm. per tone
Min and max values from 0 to 85 degrees C

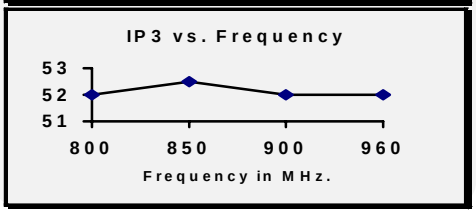
Typical Performance @ 25°C



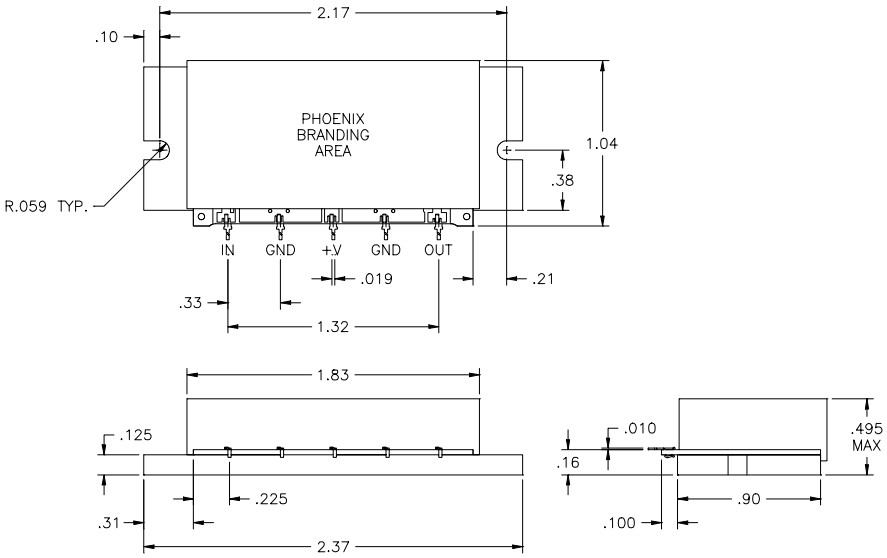








Outline Drawings



Maximum Ratings

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

Specifications subject to change without notice

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