

PA1132

1800-2000 MHz.

Linear Power Amplifier



Features (typical values)

- High Frequency Operation 2000 MHz.
- High Output Power +33.0 dBm.
- High IP3 +48.0 dBm.
- Low Cost

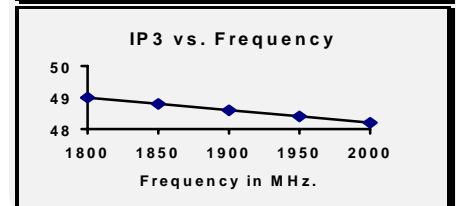
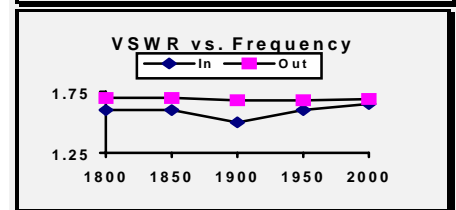
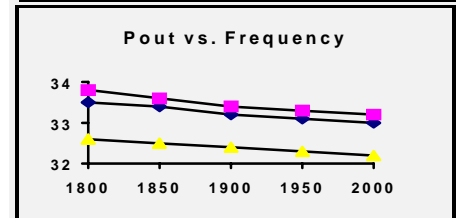
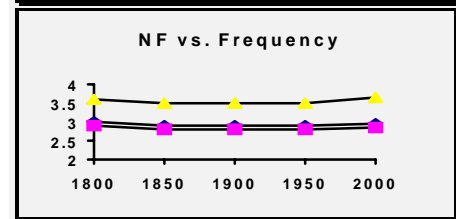
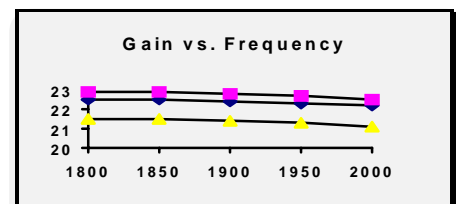
Electrical Specifications (Referenced to 50 ohms)

Parameter	Typical Value	Min. Value	Max. Value	Units
Frequency		1800	2000	MHz.
Gain	22.0	20.0		dB.
Gain Flatness	±0.3		±0.5	dB.
Reverse Isolation	25			dB.
Pout @ 1dB. comp.	33.0	32.0		dBm.
Noise Figure	3.0		4.0	dB.
IP3	+48.0	+44.0		dBm.
VSWR	1.8:1		2.0:1	
Supply Req'd	+12/725		+12/850	v./mA.

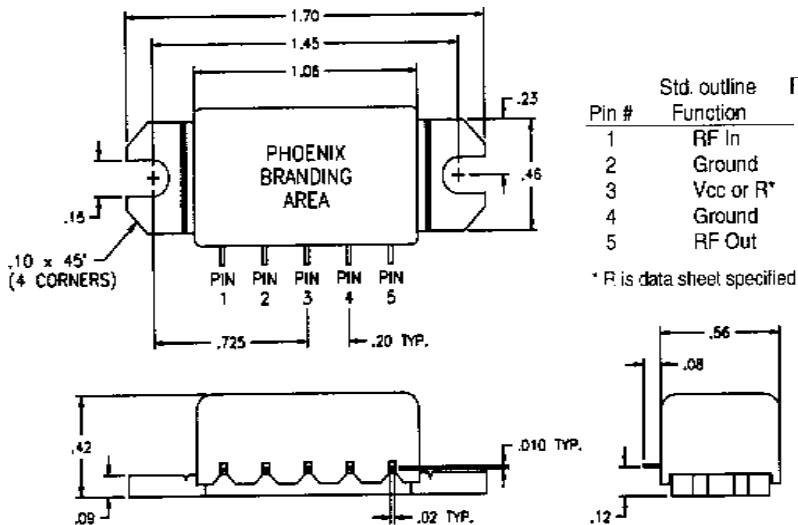
IP3 measured with 2 tones @+20 dBm. per tone spaced 1 MHz. apart
Min and max values from 0 to 85 degrees C

Typical Performance Curves

0°C +25°C +85°C



Outline Drawings



Maximum Ratings

- Storage Temperature -40C to +85C
- DC Voltage +15 volts
- RF Input Power +15 dBm.
- Case Temperature +95C