

**APTMP3-00750125-5029-D9**

**Features: (typical values)**

- Low Noise Figure .....4.0 dB
- Power Out .....29dBm.
- Gain .....25dB.
- IP3 ..... 42dBm

**Maximum Ratings**

- Operating Temperature ..... -15°C to +85°C
- Storage Temperature ..... -55°C to +125°C
- DC Voltage ..... +12.0volts
- RF Input Power ..... +20dBm.
- Case Temperature ..... +100°C

**750-1250 MHz  
Cascade Amplifier**



Specifications (Referenced to 50 ohms)

Parameter	Typical Conditions	Min Value	Max Value	Units
Frequency		750	1250	MHz.
Gain	25	23		dB.
Gain Flatness	±0.75		±1.50	dB.
Noise Figure (50-1000MHz)	4.0		5.0	dB.
Pout @ P1dB	+29			dBm.
IP3 @ 2 tones Output	42	40		dBm.
VSWR In/Out	1.7:1		2.0:1	Ratio
Supply Required	+12/400		+12/500	v/mA.

**OUTLINE**

