

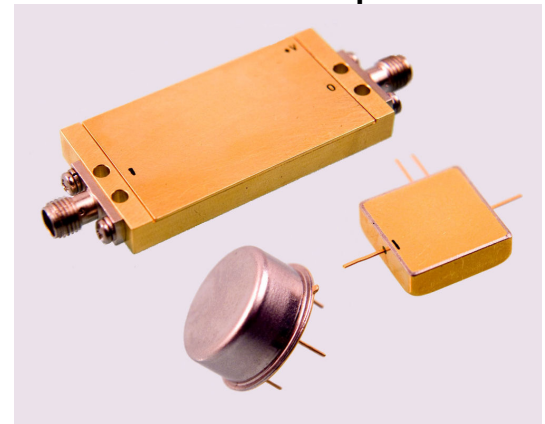
Features: (typical values)

- Low Noise Figure3.7 dB
- P1dB28dBm.
- Gain19dB.

Maximum Ratings

Operating Temperature -20°C to +85°C
Storage Temperature -40°C to +125°C
DC Voltage +12.0volts
RF Input Power 29 dBm.
Case Temperature +100°C

**1 – 30 MHz
Push-Pull Amplifier**



Specifications (Referenced to 50 ohms)

Parameter	Typical Conditions	Min Value	Max Value	Units
Frequency		1	30	MHz.
Gain (5MHz to 1000MHz)	19	18		dB.
Gain Flatness p-p	0.3		0.5	dB.
Pout @ P1dB	+28			dBm.
Noise Figure	3.7		4.5	dB.
IP3 @ 15dbm per tone	42	40		dBm
IP2 @ 15dbm per tone	80	70		dBm
VSWR In/Out	1.3:1		1.5:1	Ratio
Impedance, Input/Output	50 Ohm			
Supply Required	+12/200		+12/250	v/mA.

OUTLINE

