

ASC2808C

Features: (typical values)

- SMA-F In/Out
- High Gain 52dB
- Output Power +27.0 dBm.
- Internal limiter included

**2-150 MHz
High Gain Amplifier**



Maximum Ratings

Operating Temperature -20°C to +60°C
 Storage Temperature -20°C to +125°C
 DC Voltage +14volts
 RF Input Power +10 dBm.
 Case Temperature +95°C

Electrical Specifications (Referenced to 50 ohms)

| Parameter | Typical Conditions | Min Value | Max Value | Units |
|-------------------------|--------------------|-----------|-----------|-------|
| Frequency | | 2 | 150 | MHz. |
| Gain | 52.0 | 50.0 | | dB. |
| Gain Flatness | ±0.5 | | ±1.0 | dB. |
| Pout @ 1dB Comp | 27.0 | 25.0 | | dBm. |
| VSWR (Input/Output) | 1.8:1 | | 2.0:1 | dBm. |
| Impedance, Input/Output | 50 Ohm | | | |
| Supply Required | +12/350 | | +12/400 | v/mA. |

OUTLINE

