

ASC2672C

250-2750 MHz Wideband Amplifier



Features: (typical values)

- Bandwidth 250-2750 MHz.
- Power Out 26 dBm.
- Gain 33 dB.
- Noise Figure..... 4.0 dB.
- IP₃ 44 dBm.
- No external components required

Maximum Ratings

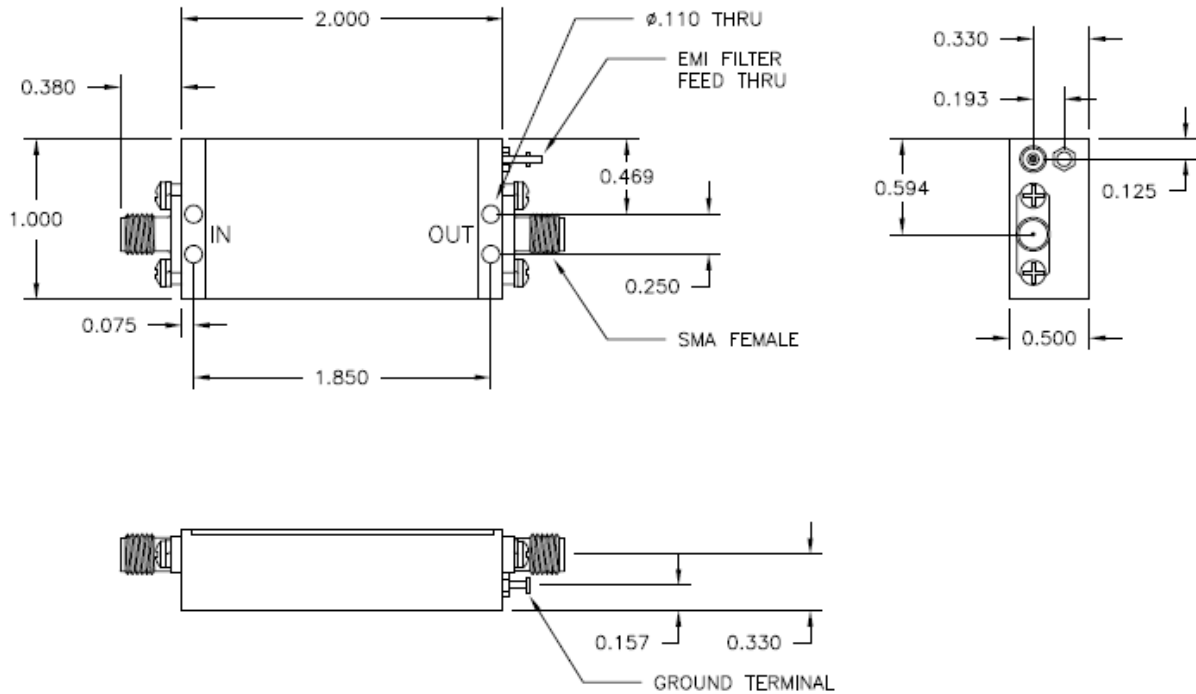
Storage Temperature -62°C to +125°C
 DC Voltage +17 volts
 RF Input Power +5 dBm.
 Case Temperature +100°C

Specifications (Referenced to 50 ohms)

Parameter	Typical Conditions	Min Value	Max Value	Units
Frequency		250	2750	MHz.
Gain	33	30		dB.
Gain Flatness	±0.5		±1.0	dB.
Gain Var. over temp	1.0			ΔdB.
Pout @ 1dB Comp	+26	+25		dBm.
Noise Figure	4.0		5.0	dB.
IP ₃ @ two input tone of +12dBm	44	43		dBm.
VSWR In/Out	1.8:1		2.0:1	
Supply Required	+15/400		+15/450	v/mA.

Min. and max. Values are from 0°C to +70°C

OUTLINE



FUNCTIONAL BLOCK DIAGRAM

