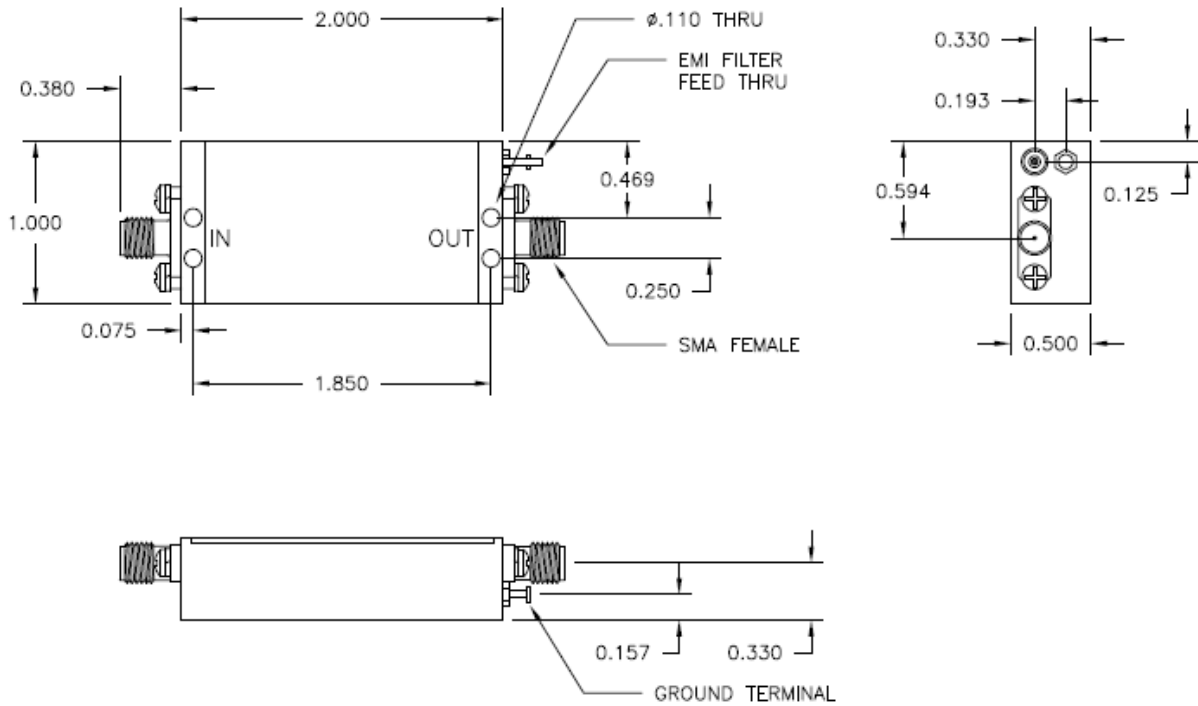


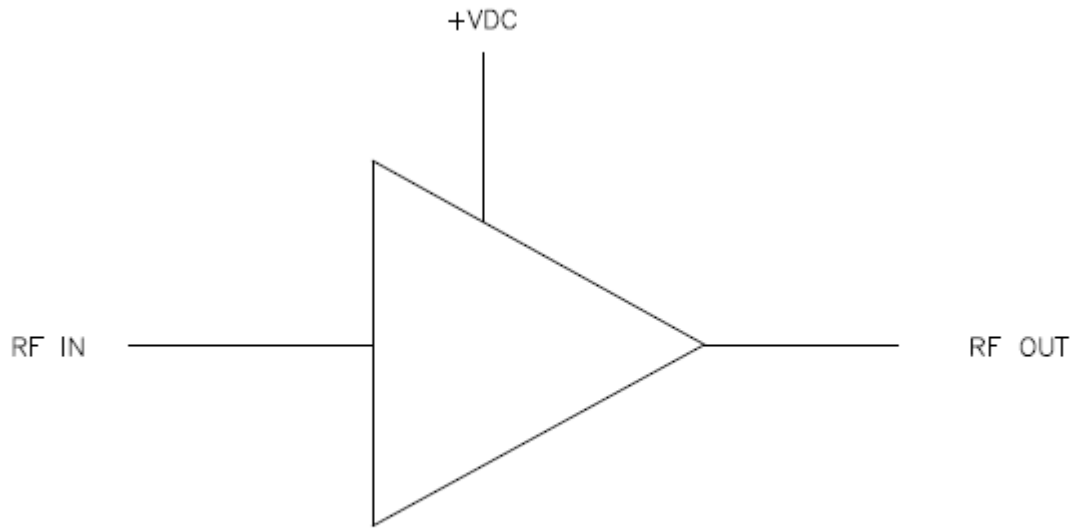
**ASC204C**  
**Amplifier Specifications**  
**Guaranteed**

Amplifier ASC204C	Parameter Value
Frequency	500-2200 MHZ
Gain	30.0 dB Min. 31.0 dB Typ.
Gain Flatness	+/- 1.0 dB Max.
Noise Figure	3.0dB Max.
Reverse Isolation	40.0 dB Typ
Power Output@ 1dB comp.	+23.0 dBm Min +24.0 dBm Typ.
Third Order Two Tone(IP3) Intercept Point @+10dBm per tone	+36.0 dBm Min +38 dBm Typ.
VSWR in	1.8:1 Max.
VSWR out	1.8:1 Max
Voltage Supply	+12V/ 220 mA Max.
Impedance	50ohm system
Package size	Fig. 39 SMA-F
Temp.	0°C to +50°C

# OUTLINE



FUNCTIONAL BLOCK DIAGRAM



NO EXTERNAL COMPONENT REQUIRED