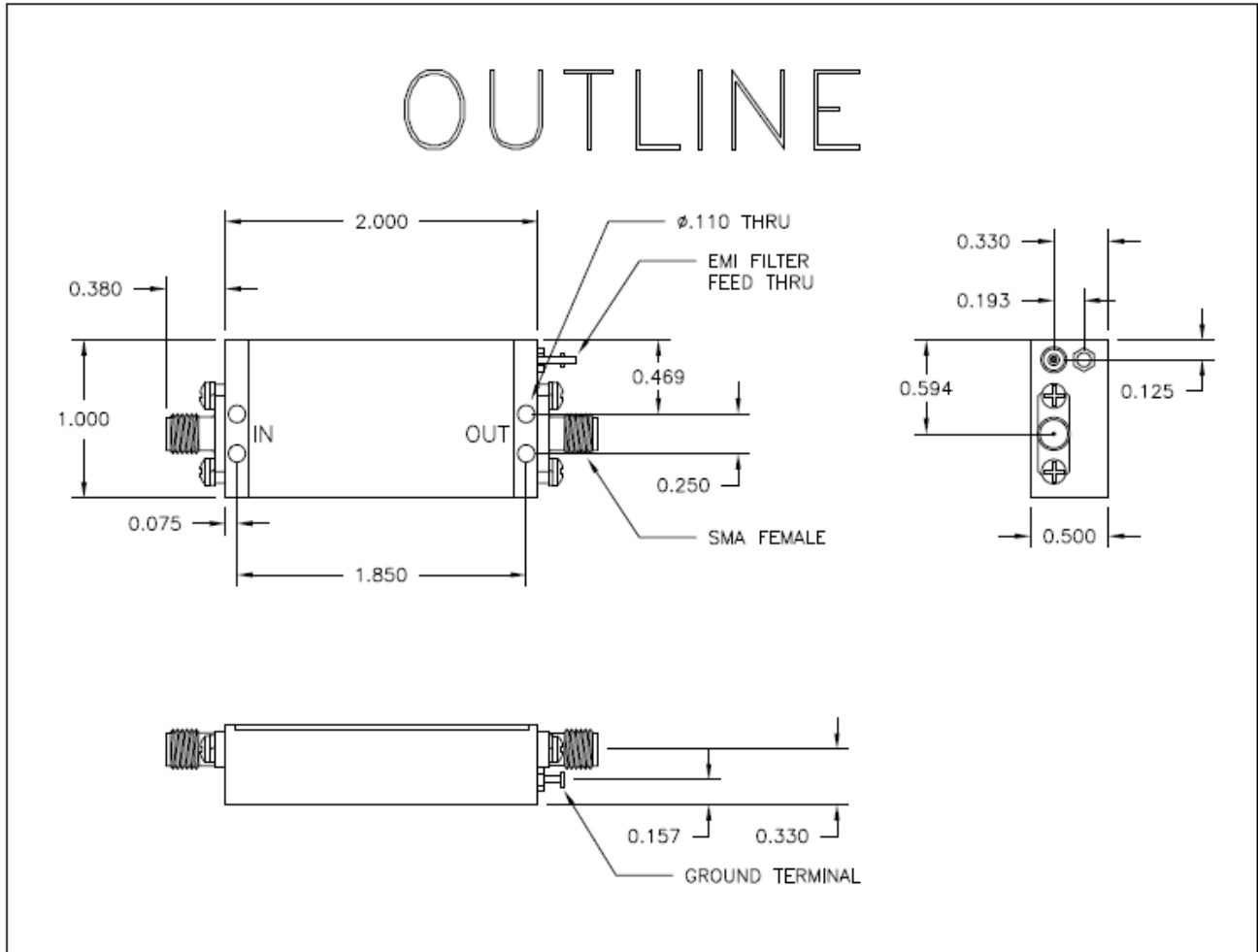
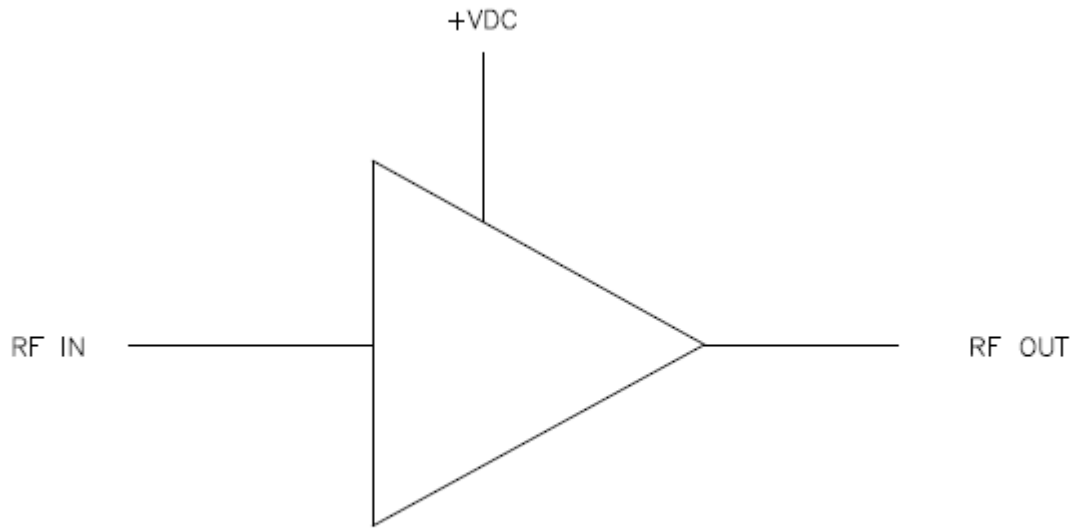


ASC1090C
Amplifier Specifications Guaranteed

Amplifier ASC1090C	Parameter Value
Frequency	20-500 MHZ
Gain	17.0 – 19.0dB 18.0 dB Typ.
Gain Flatness	+/- 1.0 dB Max.
Noise Figure	5.0 dB Max. 4.5 dB Typ
Reverse Isolation	27.0 dB Typ
Power Output@ 1dB comp.	+24.0 dBm Min +25.0 dBm Typ
Third Order Two Tone(IP3) Intercept Point @+10dBm per tone	+35.0 dBm Min +37.0 dBm Typ
Second Order Two Tone(IP2) Intercept Point @+10dBm per tone	+65.0 dBm Min +70.0 dBm Typ
VSWR in	2.0:1 Max.
VSWR out	2.0:1 Max
Voltage Supply	+15V/ 180 mA Max.
Impedance	50ohm system
Package size	Fig. 39 (SMA-F)
Temp.	0°C to +50°C



FUNCTIONAL BLOCK DIAGRAM



NO EXTERNAL COMPONENT REQUIRED