



AMPLIFIER SOLUTIONS CORPORATION

**ASC2028C**  
**Amplifier Specifications**  
**Guaranteed**

Amplifier ASC2028C	Parameter Value RECOMMEND
Frequency	0.5 - 32 MHZ
Gain	15.0dB +/- 0.25dB
Gain Flatness	1.0dB p-p Max
Gain variation vs. Temp.	1.0dB p-p Max
Noise Figure	4.0dB Max.
Power Output @ 1dB comp.	+28.0 dBm Min. +29.0 dBm Typ
Third Order Two Tone Intercept Point@18dbm per tone	+45.0 dBm Typ +43.0 dBm min
Second order Two Tone Intercept Point @ 18dbm per tone	90dBm Typ. 85dBm min
VSWR in/out	1.5:1 Max.
Voltage Supply	+24V/ 260mA
Impedance	50ohm system
Package size	Fig 37
Temp.	0°C to +70°C

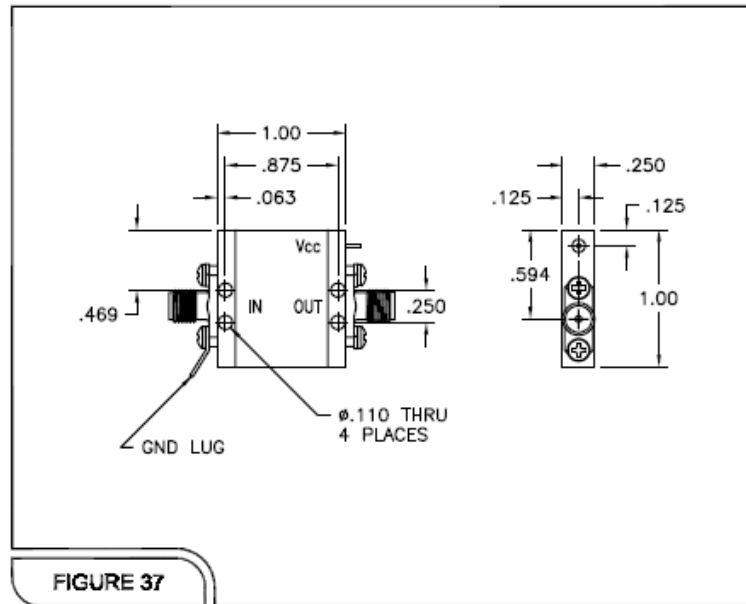


FIGURE 37