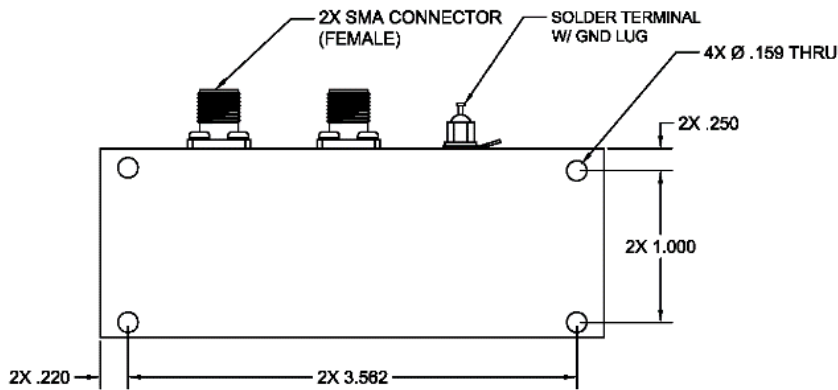
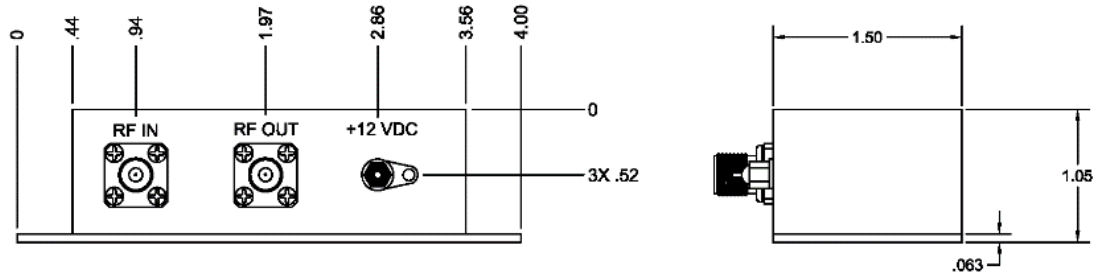




AM-212D2-12

LOW NOISE AMPLIFIER



ELECTRICAL SPECIFICATIONS

| | |
|---|--------------|
| Passband | 225-400 MHz |
| GAIN | |
| Minimum | 30 dB |
| Maximum | 33 dB |
| Gain Variation/ Rolloff | 3 dB max. |
| VSWR | |
| Input | 2.0:1 max. |
| Output | 1.5:1 max. |
| Noise Figure | 1.2 dB max. |
| Input@ 1dB gain compression | -21 dBm min. |
| Input signal, 2-1200 MHz (Protection Level) | +30 dBm max. |
| Intercept point, third order | +20 dBm nom. |
| Operating current @+12 VDC, steady state | 100 mA max. |

GENERAL CHARACTERISTICS

| | |
|----------------------------|-----------------------|
| WEIGHT | 4.5 oz. nom. |
| SIZE, excluding connectors | 4.00" x 1.50" x 1.05" |
| CONNECTORS | |
| +12 VDC | Solder Terminal |
| RF Input | SMA (Female) |
| RF Output | SMA (Female) |

Unless otherwise noted, parameters applicable 225-400 MHz

REV: 8/9/16