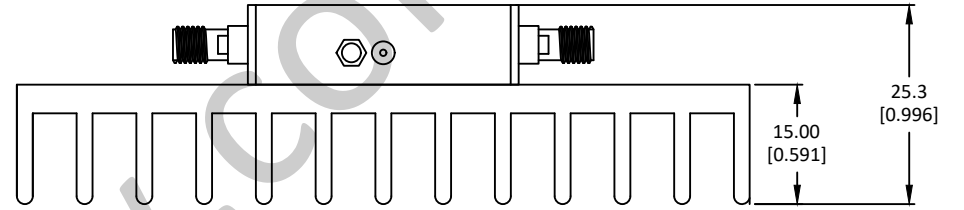
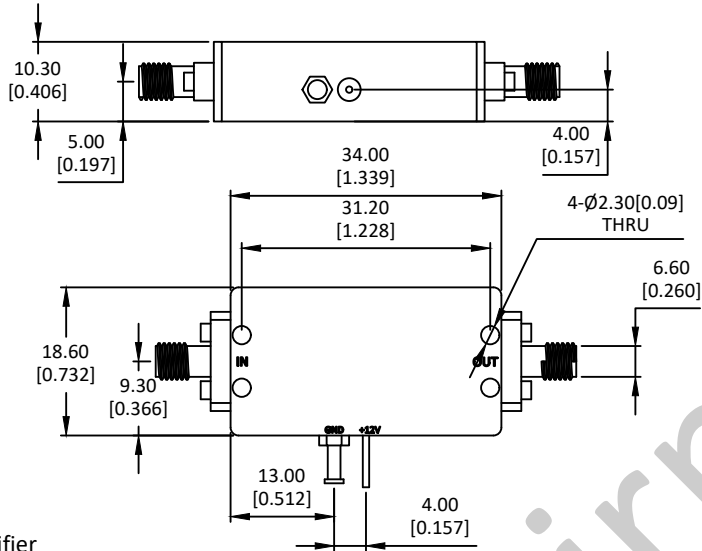
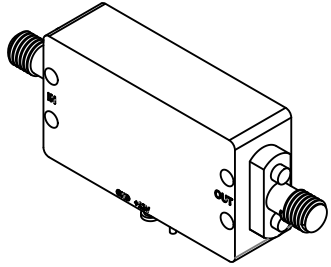


NOTES: UNLESS OTHERWISE SPECIFIED  
THIS IS A CAD GENERATED DRAWING, DO NOT REVISE MANUALLY

| REVISION HISTORY |     |                     |          |      |          |
|------------------|-----|---------------------|----------|------|----------|
| ZONE             | REV | DESCRIPTION         | E.C.O.NO | DATE | APPROVED |
|                  | 1   | ENGINEERING RELEASE |          |      |          |



## LAL-1095

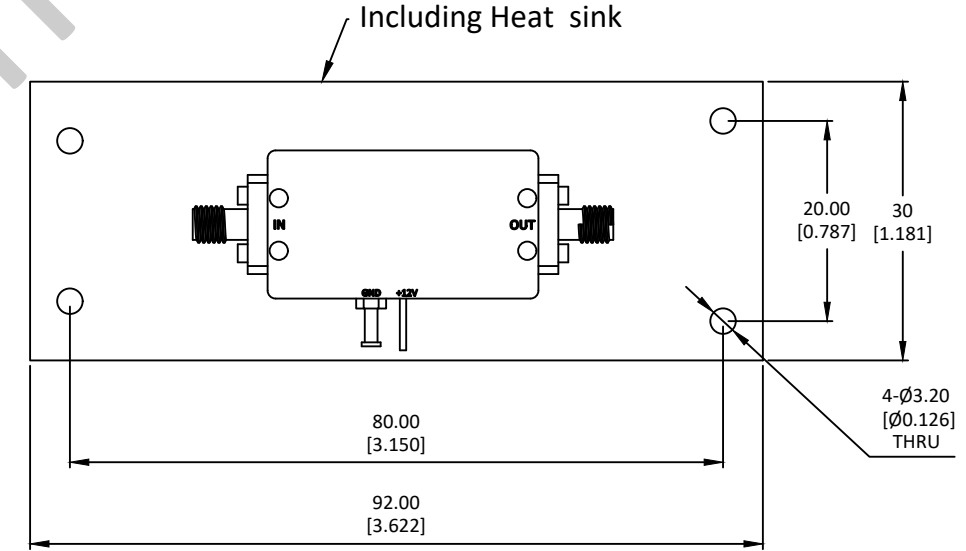
0.5~12GHz 低噪声放大器 Low Noise Amplifier

### —电气技术参数 Electrical Specifications—

|   |             |
|---|-------------|
| 频率范围 Frequency Range:                         | 0.5 - 12GHz |
| 增益 Gain:                                      | 32dB        |
| 增益平坦度 Gain Flatness:                          | /           |
| 噪声系数 Noise Figure:                            | 2.5dB       |
| 输出 P <sub>1dB</sub> Output P <sub>1dB</sub> : | 15dBm       |
| 输入驻波比 Input VSWR:                             | 2.5:1       |
| 输出驻波比 Output VSWR:                            | 2.5:1       |
| 直流偏置电压 DC Supply Voltage:                     | +12V        |
| 直流偏置电流 DC Supply Current:                     | 120mA       |
| 工作温度 Operation Temperature:                   | -40~+85°C   |
| 存储温度 Storage Temperature:                     | -50~+105°C  |

### —机械技术参数 Mechanical Specification—

|                                 |       |
|---------------------------------|-------|
| 输入连接器 Input Interface:          | SMA-F |
| 输出连接器 Output Interface:         | SMA-F |
| 尺寸 Size (excluding connectors): | /     |
| 重量 Weight:                      | /     |



|  |  |  |  |   |  |   |  |
|--|--|--|--|---|--|---|--|
| UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE MILLIMETER<br>TOLERANCES ARE:<br>DECIMALS ANGLES FRACTIONS<br>.XX±0.03 ±1° ±2/5<br>.XXX±0.012 |  |  |  | <br>www.lairmw.com sales@lairmw.com     |  | P/N: LAL-1095   |  |
| HOLE DIAMETER<br>.35 TO 3.20<br>3.21 TO 6.35<br>6.36 TO 12.70<br>12.71 TO 19.05<br>19.06 TO 25.40<br>25.41 TO 50.80                        |  | TOLERANCES<br>+.05/-02<br>+.10/-03<br>+.15/-03<br>+.20/-03<br>+.25/-03<br>+.30/-03 |  | Approvals<br>DRWN<br>ENG<br>CHK<br>Q.A. |  | DATE<br>0.5-12GHz 低噪声放大器 Low Noise Amplifier<br>增益 Gain 32dB, 噪声系数 NF 2.5dB |  |
| SCALE 3:2  |  | UNIT mm  |  | CAGE NO.                                |  | DWG NO.   |  |
| SHEET 1 OF 1   |  | REV 1  |  | SHEET 1 OF 1                            |  |   |  |