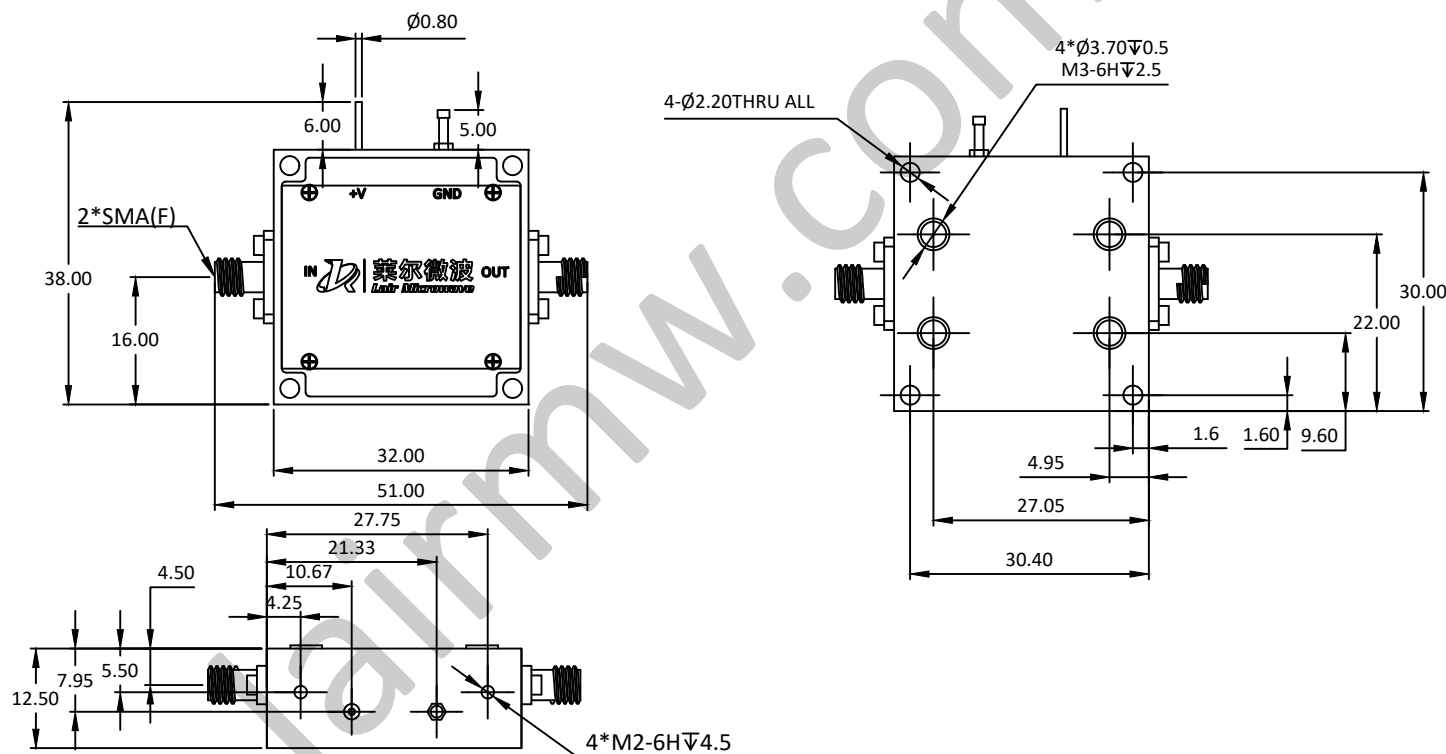
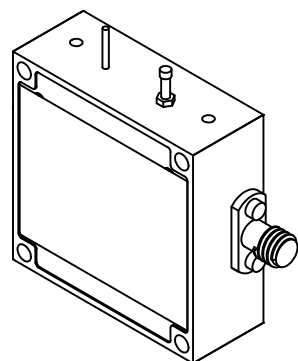


NOTES: UNLESS OTHERWISE SPECIFIED
THIS IS A CAD GENERATED DRAWING, DO NOT REVISE MANUALLY

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



LAL-2010

6 - 18GHz 低噪声放大器 Low Noise Amplifier

—电气技术参数 Electrical Specifications—

| | |
|---------------------------------|--------------|
| 频率范围 Frequency Range: | 6 - 18GHz |
| 增益 Gain: | 30dB |
| 增益平坦度 Gain Flatness: | ±1.2dB |
| 噪声系数 Noise Figure: | 2.4dB |
| 输出 P_{1dB} Output P_{1dB} : | 17dBm |
| 输入驻波比 Input VSWR: | 10dB |
| 输出驻波比 Output VSWR: | 15dB |
| 直流偏置电压 DC Supply Voltage: | +5 ~ +15V |
| 直流偏置电流 DC Supply Current: | 90mA |
| 工作温度 Operation Temperature: | -40 ~ +60°C |
| 存储温度 Storage Temperature: | -65 ~ +125°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): | 32mm*32mm*12mm |
| 重量 Weight: | 27g |

| | | | | | | | | | | | | | | | | | | | |
|---|---------------|------------|---------------------------------|---------|---------------|--------------|---------------|---------|----------------|---------|----------------|---------|----------------|---------|------|--|---|--|--|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE MILLIMETER TOLERANCES ARE: DECIMALS ANGLES FRACTIONS .XX±0.03 ±1' ±2/5 .XXX±0.012 | | | www.lairmw.com sales@lairmw.com | | P/N: LAL-2010 | | | | | | | | | | | | | | |
| | | | Approvals | DATE | | | | | | | | | | | | | | | |
| <table border="1"> <tr> <td>HOLE DIAMETER</td> <td>TOLERANCES</td> </tr> <tr> <td>.35 TO 3.20</td> <td>+05/-02</td> </tr> <tr> <td>3.21 TO 6.35</td> <td>+10/-03</td> </tr> <tr> <td>6.36 TO 12.70</td> <td>+15/-03</td> </tr> <tr> <td>12.71 TO 19.05</td> <td>+20/-03</td> </tr> <tr> <td>19.06 TO 25.40</td> <td>+25/-03</td> </tr> <tr> <td>25.41 TO 50.80</td> <td>+30/-03</td> </tr> </table> | HOLE DIAMETER | TOLERANCES | .35 TO 3.20 | +05/-02 | 3.21 TO 6.35 | +10/-03 | 6.36 TO 12.70 | +15/-03 | 12.71 TO 19.05 | +20/-03 | 19.06 TO 25.40 | +25/-03 | 25.41 TO 50.80 | +30/-03 | DRWN | | 6-18GHz 低噪声放大器 Low Noise Amplifier 增益 Gain 30dB, 噪声系数 NF 2.4dB | | |
| | HOLE DIAMETER | TOLERANCES | | | | | | | | | | | | | | | | | |
| .35 TO 3.20 | +05/-02 | | | | | | | | | | | | | | | | | | |
| 3.21 TO 6.35 | +10/-03 | | | | | | | | | | | | | | | | | | |
| 6.36 TO 12.70 | +15/-03 | | | | | | | | | | | | | | | | | | |
| 12.71 TO 19.05 | +20/-03 | | | | | | | | | | | | | | | | | | |
| 19.06 TO 25.40 | +25/-03 | | | | | | | | | | | | | | | | | | |
| 25.41 TO 50.80 | +30/-03 | | | | | | | | | | | | | | | | | | |
| ENG | | | | | | | | | | | | | | | | | | | |
| CHK | | SIZE | A3 | CAGE NO | DWG NO. | REV | 1 | | | | | | | | | | | | |
| Q.A. | | SCALE | 3:2 | UNIT | mm | SHEET 1 OF 1 | | | | | | | | | | | | | |