

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 |          |      |          |

## LAP-1090

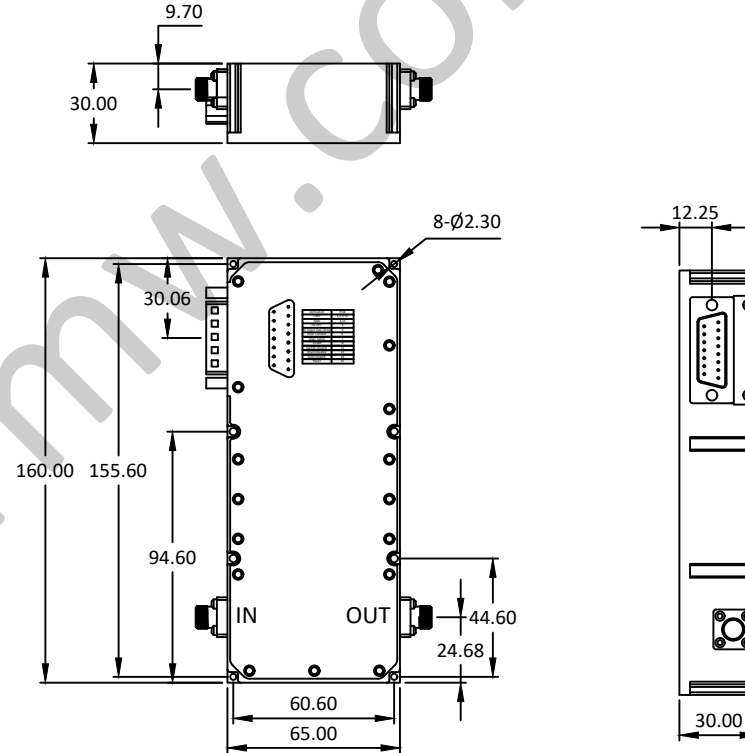
6 – 18 GHz 功率放大器 Power Amplifier

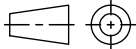

### —电气技术参数 Electrical Specifications—

|   |              |
|---|--------------|
| 频率范围 Frequency Range:                         | 6 – 18 GHz   |
| 增益 Gain:                                      | 46dB         |
| 输出 P <sub>1dB</sub> Output P <sub>1dB</sub> : | /            |
| 饱和输出功率 Psat:                                  | 38.5dBm      |
| 输入驻波比 Input VSWR:                             | 1.9:1        |
| 输出驻波比 Output VSWR:                            | /            |
| 直流偏置电压 DC Power Supply:                       | +28V         |
| 直流偏置电流 DC Current Supply:                     | 1500mA       |
| 工作温度 Operation Temperature:                   | -40 ~ +70°C  |
| 存储温度 Storage Temperature:                     | -50 ~ +105°C |

### —机械技术参数 Mechanical Specifications—

|                                 |       |
|---------------------------------|-------|
| 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: LAP-1090                                   |         |
|  |  |  |  |  |      |   |         |
| 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 |  | DRWN<br>ENG<br>CHK<br>Q.A.   |      | 6 - 18GHz 功率放大器 Power Amplifier<br>增益 Gain 46dB |         |
|  |  |  |  |  |      | SIZE  | CAGE NO |
|  |  |  |  | A3   |      |   | 1       |
|  |  |  |  | SCALE  | UNIT | SHEET 1 OF 1                                    |         |
|  |  |  |  | 3:2  | mm   |   |         |