

NOTES:UNLESSOTHERWISE 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-5017

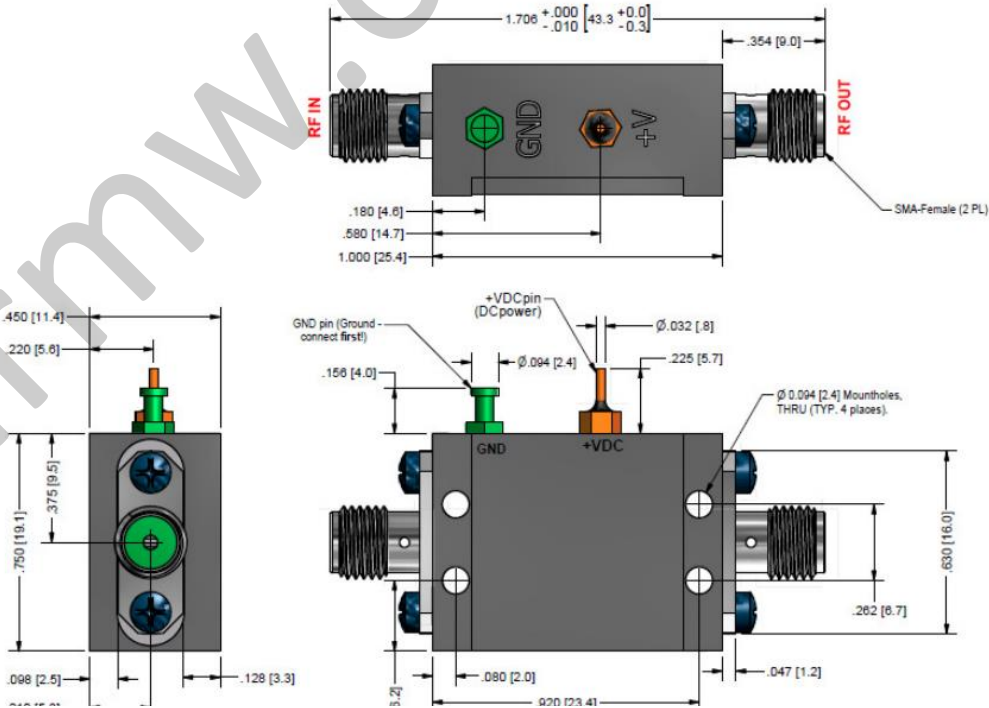
20 – 36 GHz 功率放大器 Power Amplifier

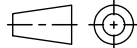
—电气技术参数 Electrical Specifications—

|                                               |              |
|-----------------------------------------------|--------------|
| 频率范围 Frequency Range:                         | 20 – 36 GHz  |
| 增益 Gain:                                      | 24dB         |
| 输出 P <sub>1dB</sub> Output P <sub>1dB</sub> : | +11dBm       |
| 输出功率三阶截断点 OIP3:                               | +21dBm       |
| 输入驻波比 Input VSWR:                             | 1.4:1        |
| 输出驻波比 Output VSWR:                            | 2.1:1        |
| 直流偏置电压 DC Supply Voltage:                     | +5V          |
| 直流偏置电流 DC Supply Current:                     | 80mA         |
| 工作温度 Operation Temperature:                   | -40 ~ +85°C  |
| 存储温度 Storage Temperature:                     | -55 ~ +125°C |

—机械技术参数 Mechanical Specifications—

|                                 |            |
|---------------------------------|------------|
| 输入连接器 Input Interface:          | 2.92mm K-F |
| 输出连接器 Output Interface:         | 2.92mm K-F |
| 尺寸 Size (excluding connectors): | /          |
| 重量 Weight:                      | /          |



|                                                                                                                                                                                                                                                      |  |                                                                                       |  |                                                                                                                             |     |               |         |              |   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------|-----|---------------|---------|--------------|---|
| UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE MILLIMETER<br>TOLERANCES ARE:<br>DECIMALS   ANGLES   FRACTIONS<br>.X±0.1           ±1°           ±2/5<br>.XX±0.03<br>.XXX±0.012                                                                         |  |  |  | <br>www.lairmw.com    sales@lairmw.com |     | P/N: LAP-5017 |         |              |   |
|                                                                                                                                                                                                                                                      |  |                                                                                       |  |                                                                                                                             |     |               |         |              |   |
| <div>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</div> <div>TOLERANCES<br/>+.05/- .02<br/>+.10/- .03<br/>+.15/- .03<br/>+.20/- .03<br/>+.25/- .03<br/>+.30/- .03</div> |  | DRWN                                                                                  |  | 20- 36GHz 功率放大器Power Amplifier<br>增益 Gain 24dB                                                                              |     |               |         |              |   |
|                                                                                                                                                                                                                                                      |  | ENG                                                                                   |  |                                                                                                                             |     |               |         |              |   |
|                                                                                                                                                                                                                                                      |  | CHK                                                                                   |  | SIZE                                                                                                                        | A3  | CAGE NO       | DWG NO. | REV          | 1 |
|                                                                                                                                                                                                                                                      |  | Q.A.                                                                                  |  | SCALE                                                                                                                       | 3:2 | UNIT          | mm      | SHEET 1 OF 1 |   |
|                                                                                                                                                                                                                                                      |  |                                                                                       |  |                                                                                                                             |     |               |         |              |   |