

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-5081

3.0 – 4.0 GHz 功率放大器 Power Amplifier

—电气技术参数 Electrical Specifications—

频率范围 Frequency Range: 3.0 – 4.0 GHz

增益 Gain: 20dB

输出 P_{1dB} Output P_{1dB}: +27dBm

输出功率三阶截断点 OIP3: 39dBm

输入驻波比 Input VSWR: 1.2:1

输出驻波比 Output VSWR: 2.2:1

直流偏置电压 DC Supply Voltage: +5 V

直流偏置电流 DC Supply Current: 430mA

工作温度 Operation Temperature: -40 ~ +85°C

存储温度 Storage Temperature: -55 ~ +100°C

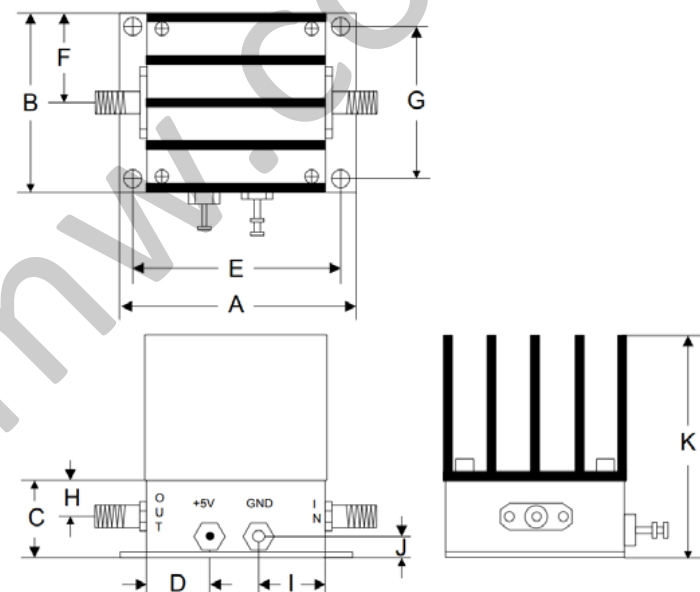
—机械技术参数 Mechanical Specifications—

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: /



| | A | B | C | D | E | F | G | H | I | J | K |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Inch | 1.250 | 1.250 | 0.563 | 0.450 | 1.000 | 0.625 | 1.000 | 0.250 | 0.500 | 0.187 | 1.563 |
| mm | 31.75 | 31.75 | 14.29 | 11.43 | 25.40 | 15.88 | 25.40 | 6.35 | 12.70 | 4.76 | 39.70 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---------------|---------------------------------|-------------|---------------|--------------|-----------|---------------|-----------|----------------|-----------|----------------|-----------|----------------|-----------|---|------|------|-----|--|-----|--|------|--|--|--|--|--|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE MILLIMETER TOLERANCES ARE: DECIMALS ANGLES FRACTIONS .XX±0.03 ±1' ±2/5 .XXX±0.012 | | | | P/N: LAP-5081 | | | | | | | | | | | | | | | | | | | | | | | |
| | | www.lairmw.com sales@lairmw.com | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <tr> <td>HOLE DIAMETER</td> <td>TOLERANCES</td> </tr> <tr> <td>.35 TO 3.20</td> <td>+0.05/-02</td> </tr> <tr> <td>3.21 TO 6.35</td> <td>+0.10/-03</td> </tr> <tr> <td>6.36 TO 12.70</td> <td>+0.15/-03</td> </tr> <tr> <td>12.71 TO 19.05</td> <td>+0.20/-03</td> </tr> <tr> <td>19.06 TO 25.40</td> <td>+0.25/-03</td> </tr> <tr> <td>25.41 TO 50.80</td> <td>+0.30/-03</td> </tr> </table> | HOLE DIAMETER | TOLERANCES | .35 TO 3.20 | +0.05/-02 | 3.21 TO 6.35 | +0.10/-03 | 6.36 TO 12.70 | +0.15/-03 | 12.71 TO 19.05 | +0.20/-03 | 19.06 TO 25.40 | +0.25/-03 | 25.41 TO 50.80 | +0.30/-03 | <table border="1"> <tr> <td>DRWN</td> <td>DATE</td> </tr> <tr> <td>ENG</td> <td></td> </tr> <tr> <td>CHK</td> <td></td> </tr> <tr> <td>Q.A.</td> <td></td> </tr> </table> | DRWN | DATE | ENG | | CHK | | Q.A. | | 3.0 - 4.0GHz 功率放大器 Power Amplifier 增益 Gain 20dB | | | |
| | HOLE DIAMETER | TOLERANCES | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | SIZE A3 | CAGE NO | DWG NO. | REV 1 | | | | | | | | | | | | | | | | | | | | | | |
| | | SCALE 3:2 | UNIT mm | SHEET 1 OF 1 | | | | | | | | | | | | | | | | | | | | | | | |