

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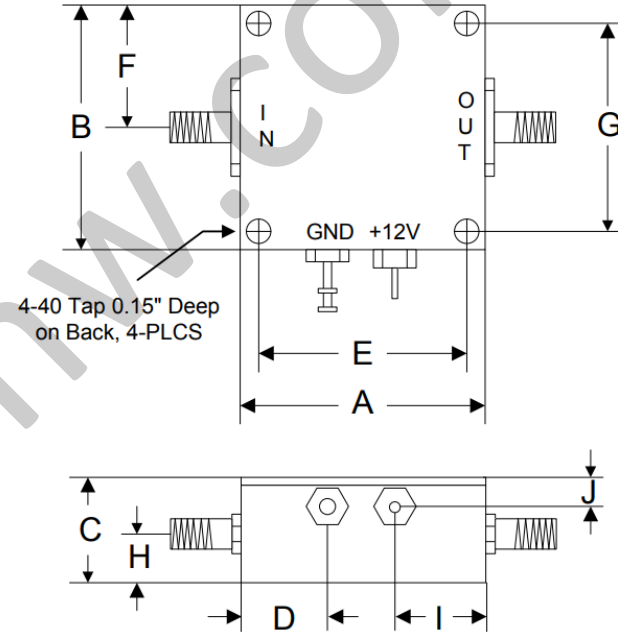
| REVISION HISTORY | | | | | |
|------------------|-----|---------------------|----------|------|----------|
| ZONE | REV | DESCRIPTION | E.C.O.NO | DATE | APPROVED |
| | 1 | ENGINEERING RELEASE | | | |

LAP-5029

100 – 2100 MHz 功率放大器 Power Amplifier

—电气技术参数 Electrical Specifications—

| | |
|---|----------------|
| 频率范围 Frequency Range: | 100 – 2100 MHz |
| 增益 Gain: | 30dB |
| 输出 P _{1dB} Output P _{1dB} : | +18dBm |
| 输出功率三阶截断点 OIP3: | +32dBm |
| 输入驻波比 Input VSWR: | 1.5:1 |
| 输出驻波比 Output VSWR: | 1.2:1 |
| 直流偏置电压 DC Supply Voltage: | +12 V |
| 直流偏置电流 DC Supply Current: | 130mA |
| 工作温度 Operation Temperature: | -40 ~ +85°C |
| 存储温度 Storage Temperature: | -55 ~ +125°C |



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

—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 DIMENSIONS ARE MILLIMETER TOLERANCES ARE: DECIMALS ANGLES FRACTIONS .XX±0.03 ±1' ±2/5 .XXX±0.012 | | 莱尔微波 Laird Microwave www.lairmw.com sales@lairmw.com | | P/N: LAP-5029 | | | |
| | | Approvals | DATE | 100 - 2100MHz 功率放大器 Power Amplifier 增益 Gain 30dB | | | |
| HOLE DIAMETER .35 TO 3.20 3.21 TO 6.35 6.36 TO 12.70 12.71 TO 19.05 19.06 TO 25.40 25.41 TO 50.80 | TOLERANCES +.05/- .02 +.10/- .03 +.15/- .03 +.20/- .03 +.25/- .03 +.30/- .03 | DRWN | | SIZE A3 | CAGE NO | DWG NO. | REV 1 |
| | | ENG | | SCALE 3:2 | UNIT mm | SHEET 1 OF 1 | |
| | | CHK | | | | | |
| | | Q.A. | | | | | |