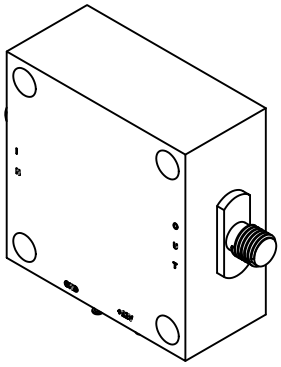
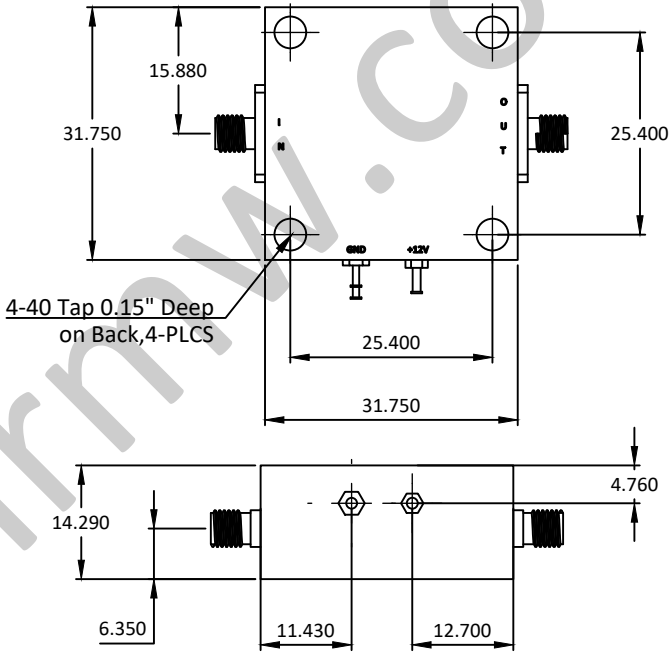
NOTES:UNLESSOTHERWISE SPECIFIED
THIS IS A CAD GENERATED DRAWING,DO NOT REVISE MANUALLY

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






# LAL-5023

0.5 - 1GHz 低噪声放大器 Low Noise Amplifier

**—电气技术参数Electrical Specifications—**

| | |
|---|---|
| 频率范围 Frequency Range: | 0.5 - 1GHz |
| 增益Gain: | 45dB |
| 增益平坦度Gain Flatness: | / |
| 噪声系数 Noise Figure: | 2.1dB |
| 输出$P_{1dB}$ Output $P_{1dB}$: | 22dBm |
| 输入驻波比Input VSWR: | 1.8:1 |
| 输出驻波比Output VSWR: | 1.5:1 |
| 直流偏置电压DC Supply Voltage: | +12V |
| 直流偏置电流DC Supply Current: | 140mA |
| 工作温度Operation Temperature: | -40 ~ +85℃ |
| 存储温度Storage Temperature: | -55 ~ +125℃ |

**—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): | / |
| 重量Weight: | / |

www.lairmw.com

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE MILLIMETER
TOLERANCES ARE:
DECIMALS ANGLES FRACTIONS
.X±0.1 ±1° ±2/5
.XX±0.03
.XXX±0.012

| 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 |

| Approvals | DATE |
|---|---|
| DRWN | |
| ENG | |
| CHK | |
| Q.A. | |

莱尔微波 Lair Microwave
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P/N: LAL-5023

0.5-1GHz 低噪声放大器Low Noise Amplifier
增益 Gain 45dB, 噪声系数 NF 2.1dB

| SIZE | CAGE NO | DWG NO. | REV |
|---|---|---|---|
| A3 | | | 1 |
| SCALE 3:2 | UNIT mm | SHEET 1 OF 1 | |