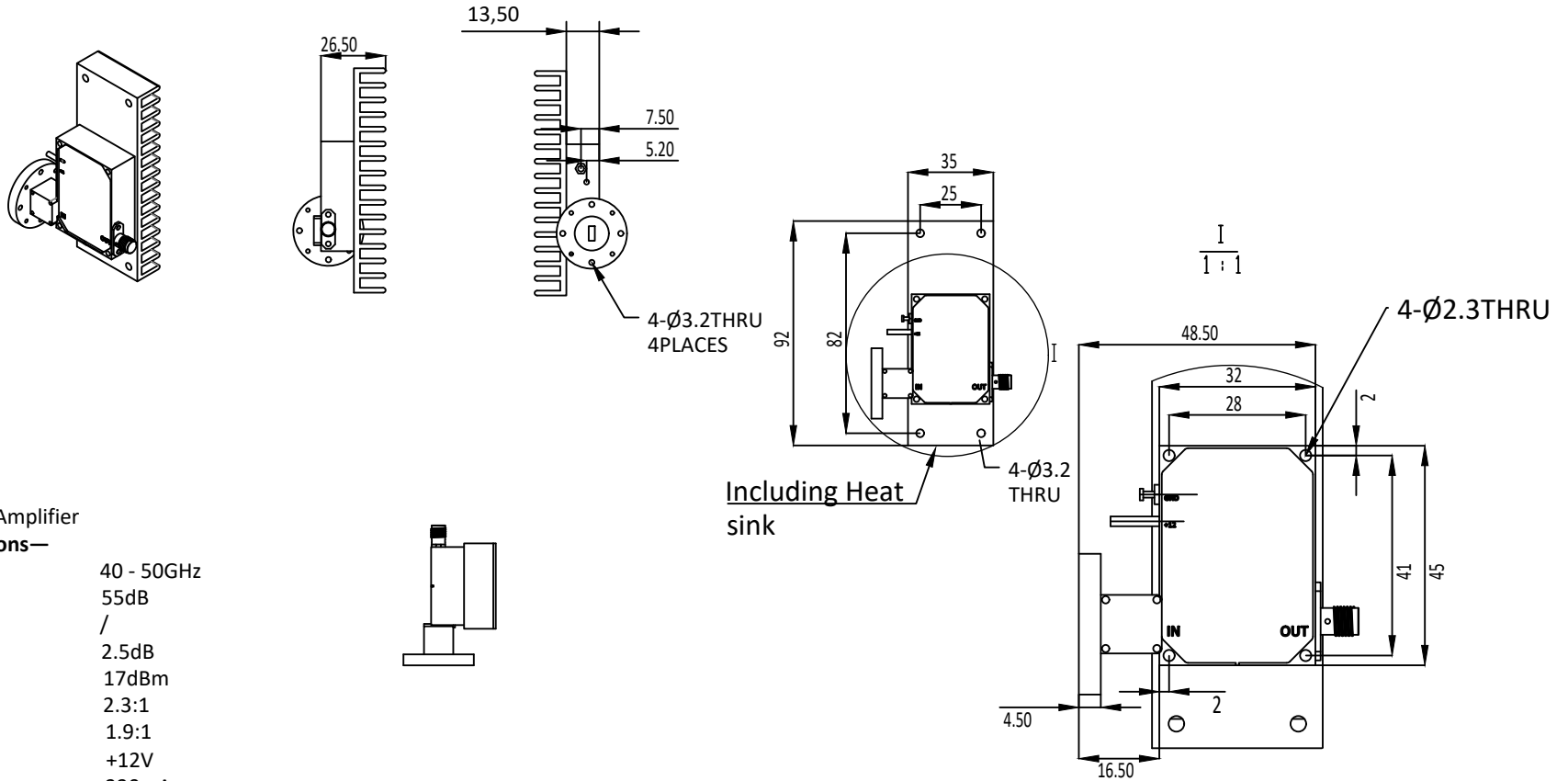


NOTES:UNLESS OTHERWISE SPECIFIED
THIS IS A CAD GENERATED DRAWING,DO NOT REVISE MANUALLY

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



LAL-1228

40 - 50GHz低噪声放大器Low Noise Amplifier

—电气技术参数Electrical Specifications—

| | |
|---------------------------------|------------|
| 频率范围 Frequency Range: | 40 - 50GHz |
| 增益 Gain: | 55dB |
| 增益平坦度 Gain Flatness: | / |
| 噪声系数 Noise Figure: | 2.5dB |
| 输出 P_{1dB} Output P_{1dB} : | 17dBm |
| 输入驻波比 Input VSWR: | 2.3:1 |
| 输出驻波比 Output VSWR: | 1.9:1 |
| 直流偏置电压 DC Supply Voltage: | +12V |
| 直流偏置电流 DC Supply Current: | 330mA |
| 工作温度 Operation Temperature: | -40~+85℃ |
| 存储温度 Storage Temperature: | -50~+105℃ |

—机械技术参数Mechanical Specification—

| | |
|--------------------------------|------------|
| 输入连接器Input Interface: | WR19 Round |
| 输出连接器Output Interface: | 2.4mm-F |
| 尺寸 Size(excluding connectors): | / |
| 重量 Weight: | / |

| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE MILLIMETER TOLERANCES ARE: DECIMALS ANGLES FRACTIONS .X±0.1 ±1° ±2/5 .XX±0.03 .XXX±0.012 | | | | www.lairmw.com sales@lairmw.com | | P/N: LAL-1228 | | | | | | | | | | | | | | | | | | | |
|--|---------|--|-----|---|--|---------------|------|------|--|-----|--|-----|--|------|--|---|--|------|---------|---------|-----|----|--|--|---|
| 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 | | <table border="1"> <thead> <tr> <th>Approvals</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>DRWN</td> <td></td> </tr> <tr> <td>ENG</td> <td></td> </tr> <tr> <td>CHK</td> <td></td> </tr> <tr> <td>Q.A.</td> <td></td> </tr> </tbody> </table> | | Approvals | DATE | DRWN | | ENG | | CHK | | Q.A. | | <p>40-50GHz 低噪声放大器Low Noise Amplifier 增益 Gain 55dB, 噪声系数 NF 2.5dB</p> <table border="1"> <thead> <tr> <th>SIZE</th> <th>CAGE NO</th> <th>DWG NO.</th> <th>REV</th> </tr> </thead> <tbody> <tr> <td>A3</td> <td></td> <td></td> <td>1</td> </tr> </tbody> </table> | | SIZE | CAGE NO | DWG NO. | REV | A3 | | | 1 |
| Approvals | DATE | | | | | | | | | | | | | | | | | | | | | | | | |
| DRWN | | | | | | | | | | | | | | | | | | | | | | | | | |
| ENG | | | | | | | | | | | | | | | | | | | | | | | | | |
| CHK | | | | | | | | | | | | | | | | | | | | | | | | | |
| Q.A. | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIZE | CAGE NO | DWG NO. | REV | | | | | | | | | | | | | | | | | | | | | | |
| A3 | | | 1 | | | | | | | | | | | | | | | | | | | | | | |
| SCALE 3:2 | | UNIT mm | | SHEET 1 OF 1 | | | | | | | | | | | | | | | | | | | | | |