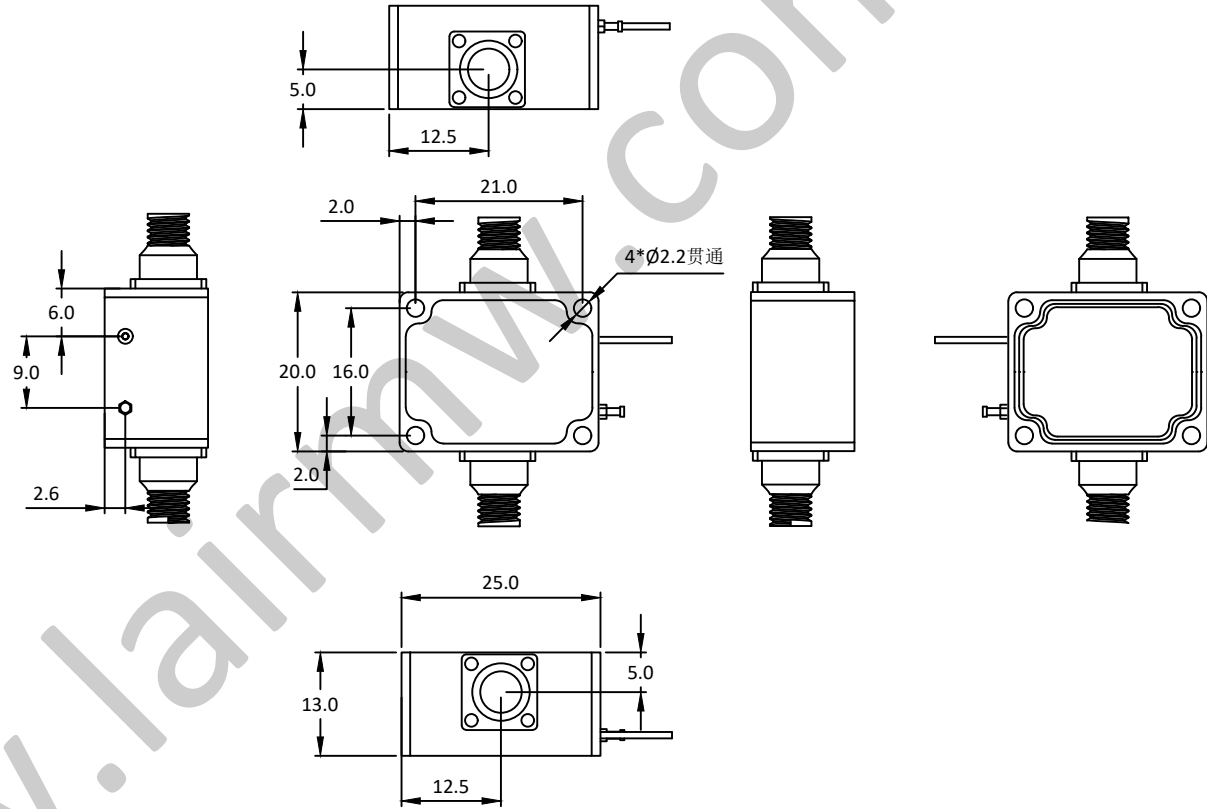
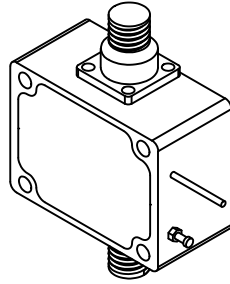


NOTES: UNLESS OTHERWISE SPECIFIED  
THIS IS A CAD GENERATED DRAWING, DO NOT REVISE MANUALLY

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



## LAL-3077

55 - 90GHz 低噪声放大器 Low Noise Amplifier

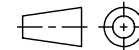
### —电气技术参数 Electrical Specifications—

|                                 |              |
|---------------------------------|--------------|
| 频率范围 Frequency Range:           | 55 - 90GHz   |
| 增益 Gain:                        | 15dB         |
| 增益平坦度 Gain Flatness:            | /            |
| 噪声系数 Noise Figure:              | 6.0dB        |
| 输出 $P_{1dB}$ Output $P_{1dB}$ : | 8dBm         |
| 输入驻波比 Input VSWR:               | 7dB          |
| 输出驻波比 Output VSWR:              | 7dB          |
| 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 Specification—

|                                 |         |
|---------------------------------|---------|
| 输入连接器 Input Interface:          | 1.0mm-F |
| 输出连接器 Output Interface:         | 1.0mm-F |
| 尺寸 Size (excluding connectors): | /       |
| 重量 Weight:                      | /       |

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



Approvals

DATE

DRWN

ENG

CHK

Q.A.



www.lairmw.com sales@lairmw.com

P/N: LAL-3077

55-90GHz 低噪声放大器 Low Noise Amplifier  
增益 Gain 15dB, 噪声系数 NF 6.0dB

SIZE  
A3

CAGE NO

DWG NO.

REV  
1

SCALE  
3:2

UNIT  
mm

SHEET 1 OF 1

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