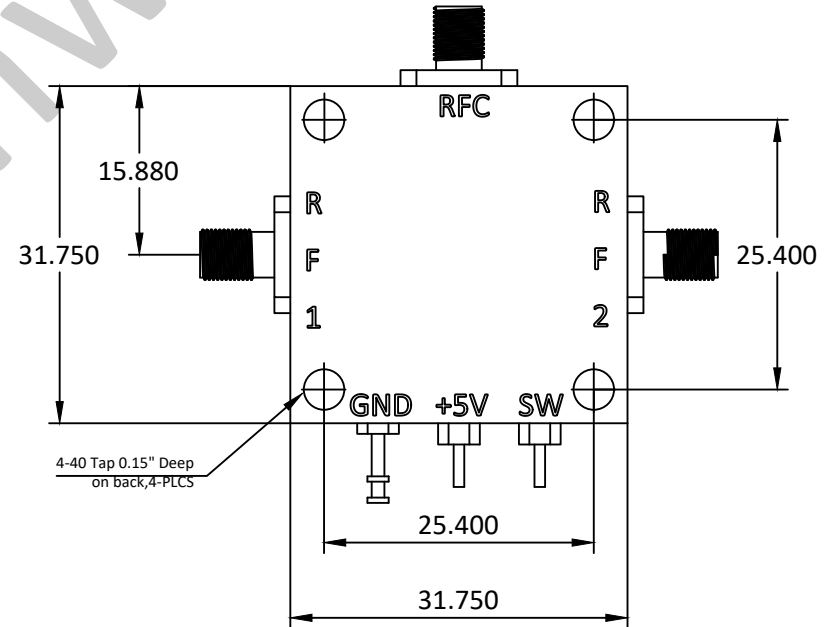
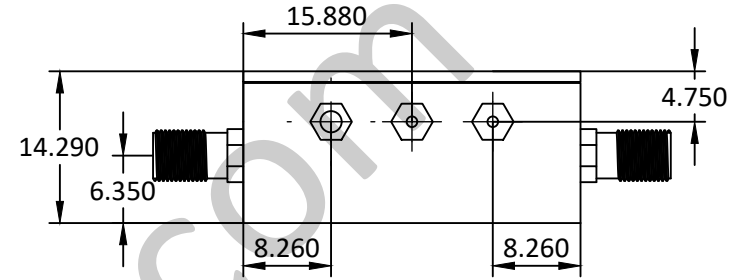
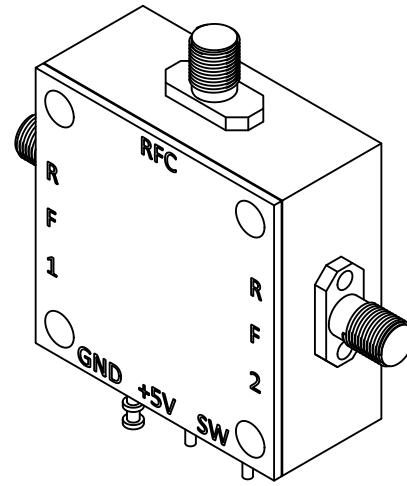


NOTES: UNLESS OTHERWISE SPECIFIED  
THIS IS A CAD GENERATED DRAWING, DO NOT REVISE MANUALLY

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

**Truth Table**

| Control Input Vsw | Signal Path State |
|-------------------|-------------------|
| High(+5V)         | RFC to RF1        |
| Low(0V)           | RFC to RF2        |



**LES-5001**

30 - 530MHz 5W单刀双掷开关 5W SPDT RF Switch

**—电气技术参数Electrical Specifications—**

|                             |              |
|-----------------------------|--------------|
| 频率范围 Frequency Range:       | 30 - 530MHz  |
| 隔离度 Isolation:              | 50dB         |
| 插入损耗 Insertion Loss:        | 1dB          |
| 驻波 VSWR:                    | 1.2:1(Typ.)  |
| 切换时间 Switching Time:        | 0.15μs       |
| 最大输入功率 Maximum Input Power: | +37dBm       |
| 控制方式 Control Mode:          | HCMOS(详见真值表) |
| 直流偏置电压 DC Supply Voltage:   | +5V          |
| 直流偏置电流 DC Supply Current:   | 1mA(Max)     |
| 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:         | SMA-F |
| 输出连接器 Output Interface:        | SMA-F |
| 尺寸 Size(excluding connectors): | /     |
| 重量 Weight:                     | /     |

|  |  |                                     |               |                                 |         |
|--|--|-------------------------------------|---------------|---------------------------------|---------|
| UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE MILLIMETER<br>TOLERANCES ARE:<br>DECIMALS ANGLES FRACTIONS<br>.XX±0.03 ±1' ±2/5<br>.XXX±0.012 |  | <br>www.lairmw.com sales@lairmw.com | P/N: LES-5001 |                                 |         |
|  |  |                                     | DRWN          | DATE                            |         |
| HOLE DIAMETER<br>.35 TO 3.20<br>3.21 TO 6.35<br>6.36 TO 12.70<br>12.71 TO 19.05<br>19.06 TO 25.40<br>25.41 TO 50.80                        | TOLERANCES<br>+.05/-02<br>+.10/-03<br>+.15/-03<br>+.20/-03<br>+.25/-03<br>+.30/-03 | DRWN                                | DATE          | 30-530MHz 单刀双掷开关 SPDT RF Switch |         |
|  |  | CHK                                 |               | SIZE A3                         | CAGE NO |
|  |  | Q.A.                                |               | SCALE 3:2                       | DWG NO. |
|  |  |                                     |               | UNIT mm                         | REV 1   |
|  |  |                                     |               | SHEET 1 OF 1                    |         |