

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 |          |      |          |

LFC-5049

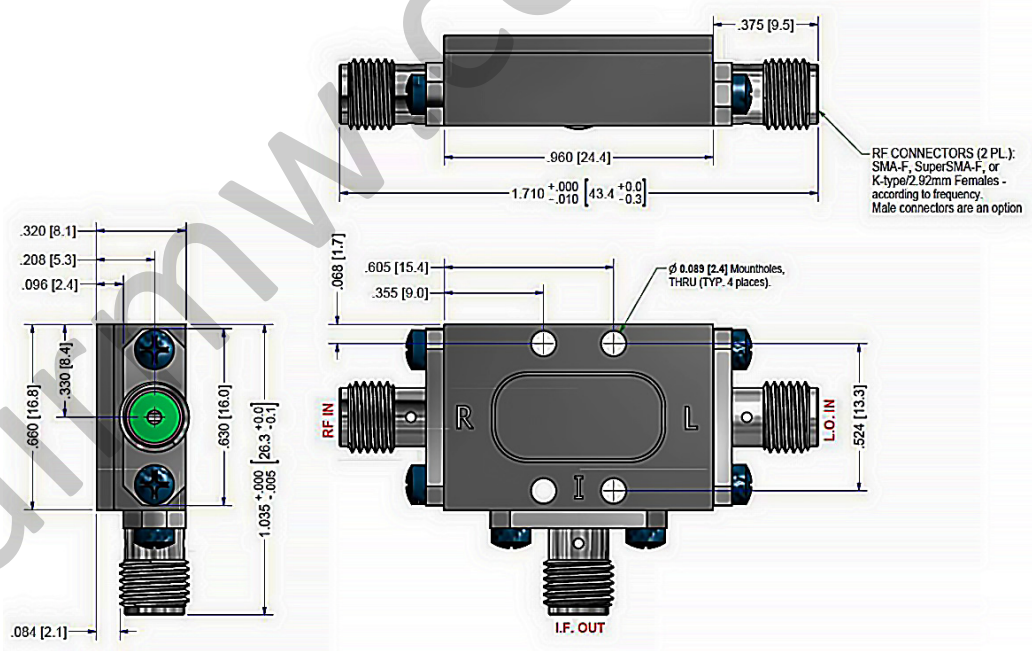
700 – 2000 MHz 混频器 Frequency Mixer

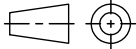
—电气技术参数 Electrical Specifications—

|                             |               |
|-----------------------------|---------------|
| 射频范围 RF Range:              | 700 – 2000MHz |
| 本振范围 LO Range:              | 700 – 2000MHz |
| 中频范围 IF Range:              | DC – 500MHz   |
| LO-RF 隔离度 LO-RF Isolation:  | 24dB          |
| LO-IF 隔离度 LO-IF Isolation:  | 17dB          |
| RF-IF 隔离度 RF-IF Isolation:  | 14dB          |
| 变频损耗 Conversion Loss:       | 9dB           |
| 本振功率 LO Power:              | 13dBm         |
| 输入功率三阶截断点 IIP3:             | 17dBm         |
| 工作温度 Operation Temperature: | -40 ~ +85℃    |
| 存储温度 Storage Temperature:   | -65 ~ +150℃   |

—机械技术参数 Mechanical Specifications—

|                                 |       |
|---------------------------------|-------|
| RF 连接器 RF Interface:            | SMA-F |
| LO 连接器 LO Interface:            | SMA-F |
| IF 连接器 IF Interface:            | SMA-F |
| 尺寸 Size(excluding connectors) : | /     |



|                                                                                                                                                        |  |                                                                                                |  |                                                                                                                          |  |               |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------|--|---------------|--|
| UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE MILLIMETER<br>TOLERANCES ARE:<br>DECIMALS ANGLES FRACTIONS<br>.XX±0.1 ±1° ±2/5<br>.XXX±0.03<br>.XXX±0.012 |  |           |  | <br>www.lairmw.com sales@lairmw.com |  | P/N: LFC-5049 |  |
|                                                                                                                                                        |  |                                                                                                |  |                                                                                                                          |  |               |  |
| 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 |  | 700 – 2000 MHz 混频器 Frequency Mixer<br>本振功率 LO Power 13 dBm                                                               |  |               |  |
| DRWN                                                                                                                                                   |  | DATE                                                                                           |  | SIZE A3                                                                                                                  |  | CAGE NO.      |  |
| ENG                                                                                                                                                    |  |                                                                                                |  | SCALE 3:2                                                                                                                |  | DWG NO.       |  |
| CHK                                                                                                                                                    |  |                                                                                                |  | UNIT mm                                                                                                                  |  | REV 1         |  |
| Q.A.                                                                                                                                                   |  |                                                                                                |  | SHEET 1 OF 1                                                                                                             |  |               |  |