

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 | | | |

LFD-0020

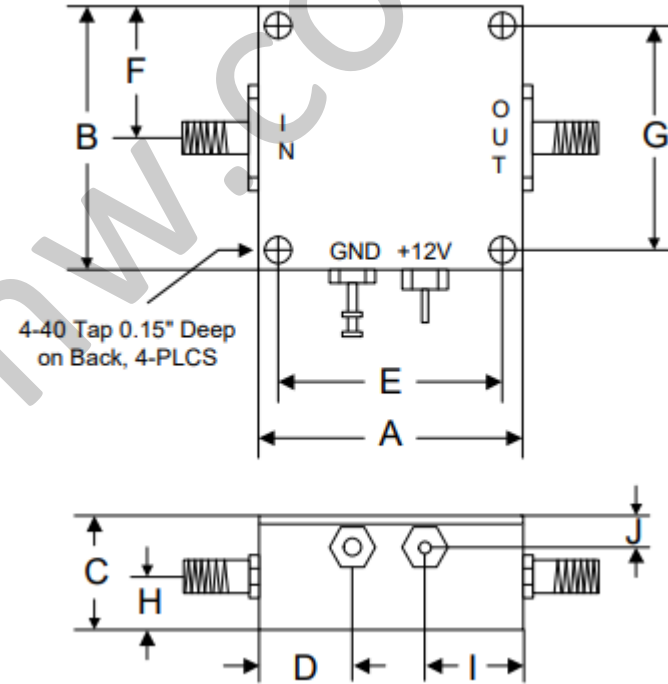
0.1 – 7 GHz 分频器 Frequency Divider/Prescaler

—电气技术参数 Electrical Specifications—

| | |
|--------------------------------|-------------------|
| 输入频率范围 Input Frequency Range: | 0.1 – 7GHz |
| 输出频率范围 Output Frequency Range: | 11.1 – 777.7MHz |
| 固定分频比 Fixed Divide Ratio: | 9 |
| 单边带相位噪声 SSB Phase Noise: | -150dBc/Hz@100kHz |
| 输入功率范围 Input Power Range: | -10 ~ +10dBm |
| 输出功率 Output Power: | -1.0dBm |
| 直流偏置电压 DC Power Supply: | 12V |
| 直流偏置电流 DC Current Supply: | 145mA |
| 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 Specifications—

| | |
|---------------------------------|-------|
| 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: | / |



| | A | B | C | D | E | F | G | H | I | J |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Inch | 1.250 | 1.250 | 0.563 | 0.450 | 1.000 | 0.625 | 1.000 | 0.250 | 0.500 | 0.187 |
| mm | 31.75 | 31.75 | 14.29 | 11.43 | 25.40 | 15.88 | 25.40 | 6.35 | 12.70 | 4.76 |

| | | | | | |
|--|--|------|--|---------------------------------|--------------|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE MILLIMETER TOLERANCES ARE: DECIMALS ANGLES FRACTIONS .XX±0.03 ±1' ±2/5 .XXX±0.012 | | | | P/N: LFD-0020 | |
| | Approvals | DATE | | www.lairmw.com sales@lairmw.com | |
| 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 | DRWN | 0.1 – 7 GHz Frequency Divider/Prescaler | | |
| | | ENG | SIZE | CAGE NO | DWG NO. |
| | | CHK | A3 | | REV |
| | | Q.A. | SCALE | UNIT | SHEET 1 OF 1 |
| | | | 3:2 | mm | 1 |