

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

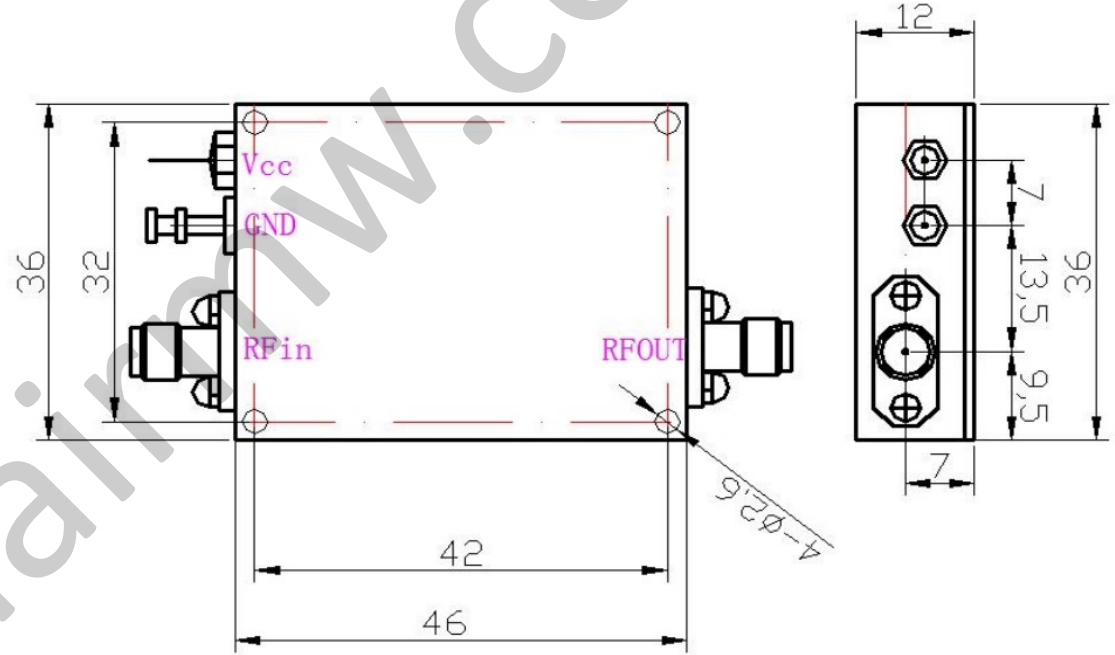
REVISION HISTORY					
ZONE	REV	DESCRIPTION	E.C.O.NO	DATE	APPROVED
	1	ENGINEERING RELEASE			

## LAL-7002

1.0 – 18 GHz 宽带低噪声放大器 Broadband Low Noise Amplifier

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

频率范围 Frequency Range:	1.0 – 18 GHz
增益 Gain:	32dB(Typ)
增益平坦度 Gain Flatness:	±2.0dBm
噪声系数 Noise Figure:	2.5dB(Typ)
输出功率 P1dB:	17dBm
输出杂波抑制 Output Spurious Suppression:	60dBc
谐波抑制 Harmonic Suppression:	20dBc
最大输入功率 Maximum Input Power:	-10dBm
输入输出驻波比 Input/Output VSWR:	1.8(Typ)
直流偏置电压 DC Supply Voltage:	+9~+15V
直流偏置电流 DC Supply Current:	150mA
工作温度 Operation Temperature:	-40 ~ +70°C
存储温度 Storage Temperature:	-40 ~ +65 °C



### —机械技术参数 Mechanical Specifications—

输入连接器 Input Interface:	SMA-KF
输出连接器 Output Interface:	SMA-KF
尺寸 Size(excluding connectors):	/
重量 Weight:	/

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE MILLIMETER TOLERANCES ARE: DECIMALS ANGLES FRACTIONS .XX±0.03 ±1' ±2/5 .XXX±0.012				莱尔微波 www.lairmw.com sales@lairmw.com		P/N: LAL-7002	
APPROVALS: DRWN, ENG, CHK, Q.A. DATE: 24/10/14		1.0 - 18GHz 宽带低噪声放大器Broadband Low Noise Amplifier 增益 Gain 32dB,噪声系数 Noise Figure 2.5dB					
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		SIZE A3	CAGE NO	DWG NO.	REV 1
		SCALE 3:2		UNIT mm		SHEET 1 OF 1	