

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			

LAP-8014

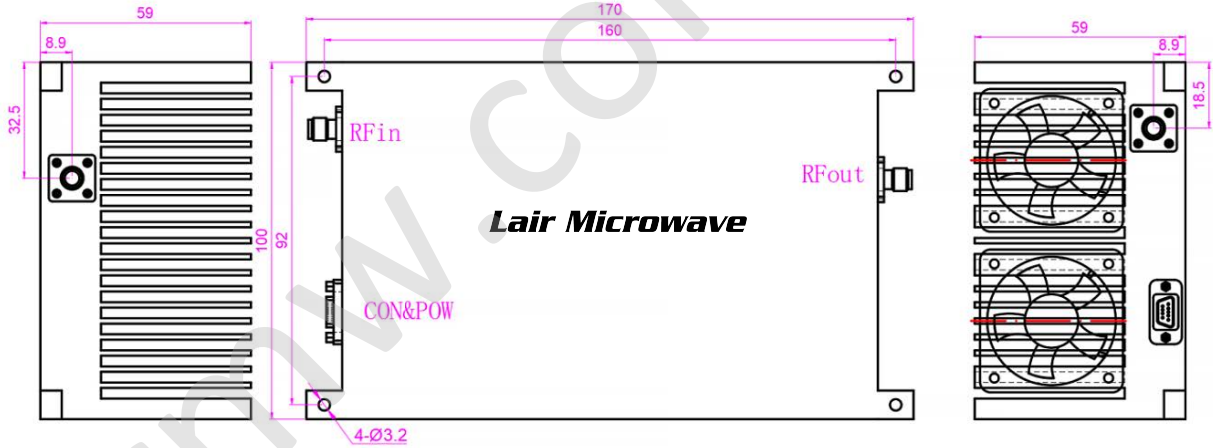
0.7 – 3.0 GHz 功率放大器 Power Amplifier

—电气技术参数Electrical Specifications—

频率范围 Frequency Range:	0.7 – 3.0 GHz
增益 Gain:	33dB (Min.)
增益平坦度 Gain Flatness:	±2dB (Max.)
输入驻波比 Input VSWR:	2.0 (Max.)
输出驻波比 Output VSWR:	2.0 (Max.)
输入功率 Input Power:	12±1dBm
输出功率 Output Power:	44dBm (Min.)
谐波 Harmonic:	-12dBc(Max.)
杂散 Spurious:	-60dBc(Max.)
效率 Efficiency:	≥35%
供电 Power Supply:	+28V,≤2.5A@P0:44dBm
工作温度 Operating Temperature:	-30~+65℃
存储温度 Storage Temperature:	-40~+70℃

—机械技术参数 Mechanical Specifications—

输入连接器 Input Interface:	SMA-50K
输出连接器 Output Interface:	SMA-50KF
直流供电连接器 DC Power Supply Interface:	J30J-9ZKP
尺寸 Size(excluding connectors):	170x100x56mm
重量 Weight:	≤1.2kg



直流供电连接器J30J-9ZKP:

引脚 Pin	定义 Definition	备注 Note
1	+28V	-
2	+28V	-
3	+28V	-
4	GND	-
5	GND	-
6	GND	-
7	C1	电源开关信号,高电平开
8	PD	自检信号指示
9	S1	工作状态指示

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE MILLIMETER TOLERANCES ARE: DECIMALS ANGLES FRACTIONS .X±0.1 ±1° ±2/5 .XX±0.03 .XXX±0.012				 萊爾微波 Laird Microwave		P/N: LAP-8014			
		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 +0.05/-02 +0.10/-03 +0.15/-03 +0.20/-03 +0.25/-03 +0.30/-03		0.7 - 3.0GHz 功率放大器 Power Amplifier					
				SIZE		CAGE NO	DWG NO.	REV	
				A3				1	
				SCALE		UNIT	SHEET 1 OF 1		
				3:2		mm			