

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			

## LAP-8013

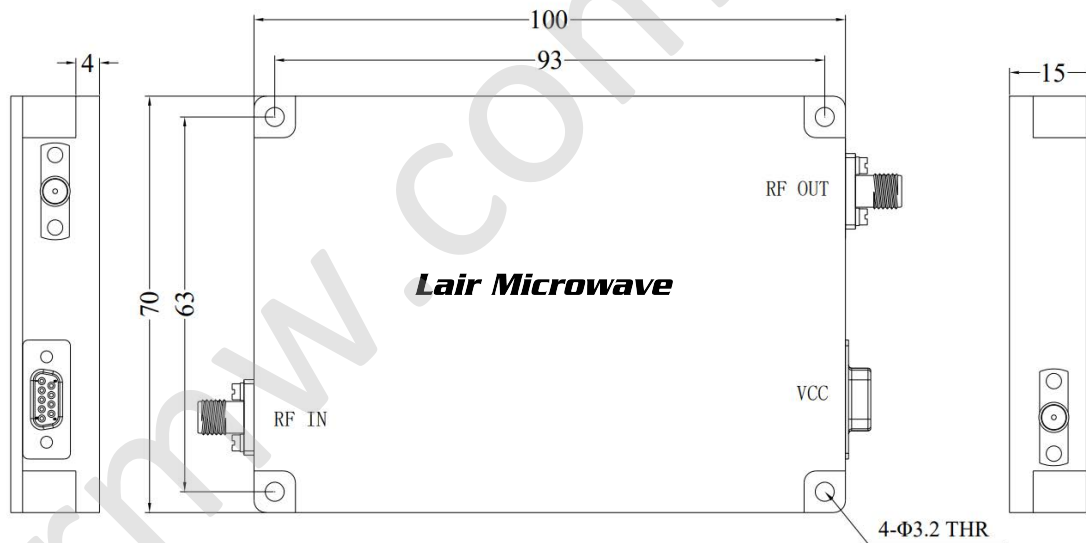
0.02 – 3.0 GHz 功率放大器 Power Amplifier

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

频率范围 Frequency Range:	0.02 – 3.0 GHz
增益 Gain:	45dB (Typ.) ,42dB (Min.)
增益平坦度 Gain Flatness:	±3dB (Typ.), ±3.5dB (Max.)
输入驻波比 Input VSWR:	2.0 (Typ.)
1dB压缩点输出功率 P1dB:	37dBm (Typ.)
射频输出功率(连续波) Output Power:	40dBm (Min.), 41dBm (Typ.)
抗烧毁最大输入功率 Maximum Input Power:	+2dBm
谐波 Harmonic@Pout=40dBm:	-15dBc (Typ.), -12dBc (Max.)
杂散 Spurious:	-60dBc (Max.)
隔离度 Isolation:	-45dB (Typ.)
工作电压 Operating Voltage:	28V
工作电流 Operating Current:	1.3A (Typ.), 2A (Max.)
工作温度 Operating Temperature:	-40~+85°C
存储温度 Storage Temperature:	-50~+105°C

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

射频连接器 RF Interface:	SMA-Female
直流供电连接器 DC Power Supply Interface:	J30J-9
尺寸 Size (excluding connectors):	/
重量 Weight:	/



直流供电连接器J30J-9:

引脚	标识	类型	功能详细说明
1	功放使能	输入	高电平 5V(或悬空)开启功放, 短接到地关闭功放
2	GND	输入	供电负极
3	GND	输入	供电负极
4	GND	输入	供电负极
5	GND	输入	供电负极
6	+28V	输入	供电正极 +26.0-30.0VDC
7	+28V	输入	供电正极 +26.0-30.0VDC
8	+28V	输入	供电正极 +26.0-30.0VDC
9	+28V	输入	供电正极 +26.0-30.0VDC

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE MILLIMETER TOLERANCES ARE: DECIMALS ANGLES FRACTIONS .XX±0.03 ±1' ±2/5 .XXX±0.012				P/N: LAP-8013	
		Approvals: DRWN: QY ENG: CYL CHK: WY	DATE:	0.02 - 3.0GHz 功率放大器 Power Amplifier	
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 SCALE: 3:2	CAGE NO: UNIT: mm	DWG NO.: SHEET 1 OF 1	REV: 1