

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			

## LSPA-3001

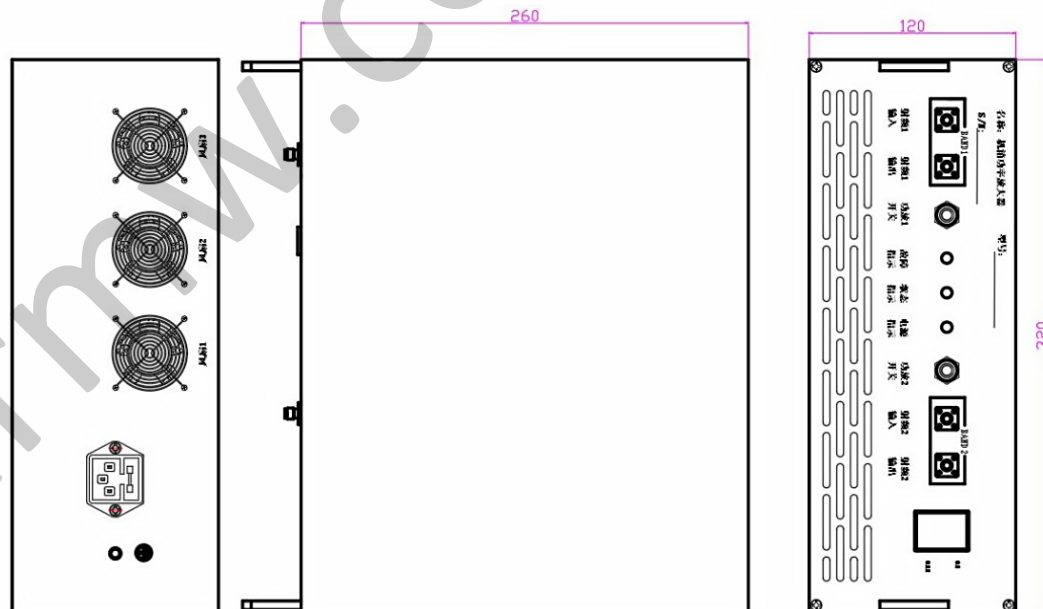
30MHz – 6.0 GHz 双通道台式机功率放大器 Dual Channel Bench Power Amplifier

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

波段:	波段1	波段2
频率范围 Frequency Range:	30 – 800 MHz	800 – 6000 MHz
增益 Gain:	45dB(Min)	45dB(Min)
增益平坦度 Gain Flatness:	±2.5dBm(Typ)	±3.0dBm(Typ)
输出功率 Psat:	45dBm(Min)	45dBm(Min)
最大输入功率 Maximum Input Power:	13dBm	13dBm
谐波抑制 Harmonic Suppression:	12dBc(Typ)	12dBc(Typ)
输出杂散抑制 Output Spurious Suppression:	65dBc (Typ)	65dBc (Typ)
输入驻波 Input VSWR:	2.0(Typ),2.5(Max)	2.0(Typ)
功耗 Power Consumption:	120W(Typ)	150W(Typ)
工作温度 Operation Temperature:	-20~+65 °C	-20~+65 °C
存储温度 Storage Temperature:	-30~+70 °C	-30~+70 °C

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

输入连接器 Input Interface:	SMA-50KF
输出连接器 Output Interface:	SMA-50KF
电源接口 Power Interface:	船型插座
尺寸 Size (excluding connectors):	320x260x120 mm
重量 Weight:	≤6Kg



### 指示功能 Indicator:

实时地将机箱式功放的工作状态通过面板指示灯直观显示

- 1、电源指示信号
- 2、故障指示信号
- 3、状态指示信号

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE MILLIMETER TOLERANCES ARE: DECIMALS ANGLES FRACTIONS .XX±0.03 ±1' ±2/5 .XXX±0.012			莱尔微波 Laird Microwave www.lairmw.com sales@lairmw.com		P/N: LSPA-3001		
			Approvals	DATE	30MHz - 6.0GHz 双通道台式机功率放大器 Dual Channel Bench 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	DRWN	24/9/23	SIZE A3	CAGE NO	DWG NO.	REV 1
		ENG		SCALE 3:2	UNIT mm	SHEET 1 OF 1	
		CHK					
		Q.A.					