

NOTES:UNLESS OTHERWISE SPECIFIED
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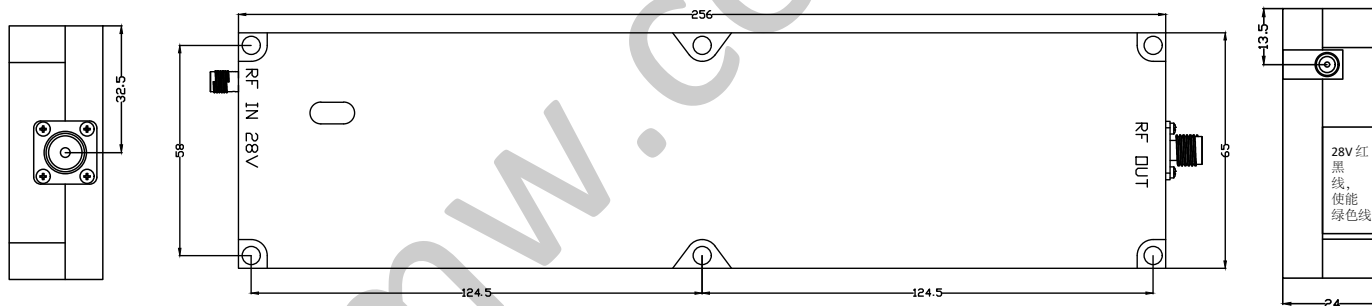
REVISION HISTORY					
ZONE	REV	DESCRIPTION	E.C.O.NO	DATE	APPROVED
	1	ENGINEERING RELEASE			

LAP-8003

5750 – 6000 MHz 100W 功率放大器 Power Amplifier

—电气技术参数 Electrical Specifications—

频率范围 Frequency Range:	5750 – 6000 GHz
带内波动 In-band Ripple:	≤3.0dB
饱和功率 Saturation Power:	≥100W
输入驻波比 Input VSWR:	≤2.0
输出驻波比 Output VSWR:	≤2.0
扫频方式 Frequency Sweeping:	VCO扫频
直流偏置电压 DC Supply Voltage:	+28V
直流偏置电流 DC Supply Current:	≤11A
工作温度 Operation Temperature:	-40 ~ +70°C
存储温度 Storage Temperature:	-40 ~ +85°C



线束接口定义PIN Definition

序号	接口名称	备注
1	28V	红线
2	GND	黑线
3	使能控制电压	绿色线, 功放高电平开启, 低电平关闭 3.3-5V

—机械技术参数 Mechanical Specifications—

输入连接器 Input Interface:	VCO
输出连接器 Output Interface:	N型头
电源接口 Power Interface:	红黑线
尺寸 Size (excluding connectors):	256*58*24mm
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 Laird Microwave www.lairmw.com sales@lairmw.com	P/N: LAP-8003	
	Approvals	DATE		5750-6000MHz 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	DRWN	24/9/29	SIZE	A3
		ENG		CAGE NO	
		CHK		DWG NO.	
		Q.A.		UNIT	mm
				SHEET	1 OF 1