

**Model:TMPA-090094-3036-10**
**Power Amplifier ,WR-10**
**90-94GHz, Output Psat:36dBm, Gain:30dB**
**Feature:**

- Ultra Wide Band: 90-94GHz
- Gain: 30 dB
- Output Psat: 36 dBm
- Unconditional stability

**电气特性 Electrical:**

参数Parameter	Min.	Typ.	Max.	单位Units
频率范围 Frequency range	90-94			GHz
增益 Gain	28	30		dB
输出功率 Output Psat	35	36		dBm
输入驻波比 Input VSWR		2		: 1
直流电压 DC Voltage		+24		V DC
直流电流 DC Supply Current		3600		mA

**机械特性 Mechanical :**

参数Parameter	指标 Value	单位Units
输入输出接口 Input /Output Connector	WR-10/ UG-387	
供电引脚 Power Supply Pin	Solder Pin	
尺寸 Size	115×120×70	mm
重量 Weight	/	g

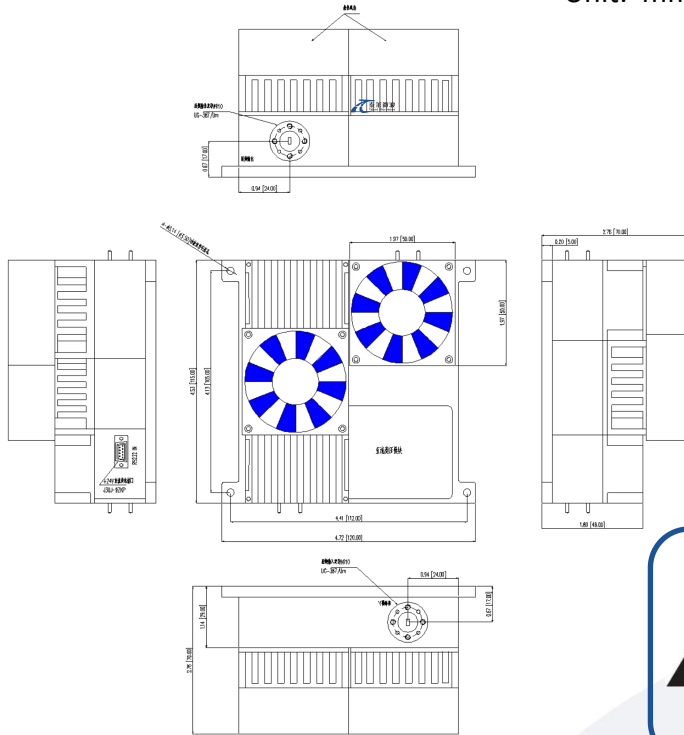

 Available 220V System  
 Benchtop Amplifier

**绝对最大值 Absolute Maximum Ratings:**

参数Parameter	指标 Value
供电偏置电压 Supply Bias Voltage	TBD
输入功率 RF INPUT POWER	TBD
ESD灵敏度 ESD sensitivity (HBm)	Class 0, passed 150V

**外形尺寸 Outline Drawing:**

Unit: mm(Inches)



**温度环境 Environmental Conditions:**

参数Parameter	Min.	Typ.	Max.	单位Units
操作温度 Operating Temperature	-10		+55	°C
存储温度 Non-operating Temperature	-45		+125	°C
相对湿度 Relative humidity		95		%
海拔 Altitude	50,000			feet
震动 Shock / Vibration(MIL-STD-810F)	25g rms (15 degree 2KHz) endurance, 1 hour per axis			
冲击 Shock(non operating)	20G for 11msc half sin wave,3 axis both directions			

**订货信息 Ordering Information:**

标准型号 Part Number	描述 Description	版本号Revision
TMPA-090094-3036-10	Power Amplifier, 90-94GHz, Output Psat: 36 dBm, Gain: 30 dB, WR10,UG-387/U	Rev.1.1