

Model: TMPA-040060-3036-19

Power Amplifier
40-60 GHz, Psat:36 dBm, Gain:30 dB

Feature:

- Frequency Range: 40-60 GHz
- Gain: 30dB Typ
- Output Power Psat: 36 dBm Min
- Good Power and Gain Flatness

电气特性 Electrical:

参数Parameter	Min.	Typ.	Max.	单位Units
频率范围 Frequency range	40-60			GHz
增益 Gain		30		dB
饱和输出功率Psat	36			dBm
输入驻波 Input VSWR		2		:1
输出驻波 Output VSWR		2		:1
直流电压 DC Voltage		19		V DC
直流电流 DC Supply Current		4500		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-19/UG-383/U	
直流偏置 Bias	MICRO-D15 Female	
尺寸 Size	84*50*31	mm
重量 Weight	100	g

绝对最大值 Absolute Maximum Ratings:

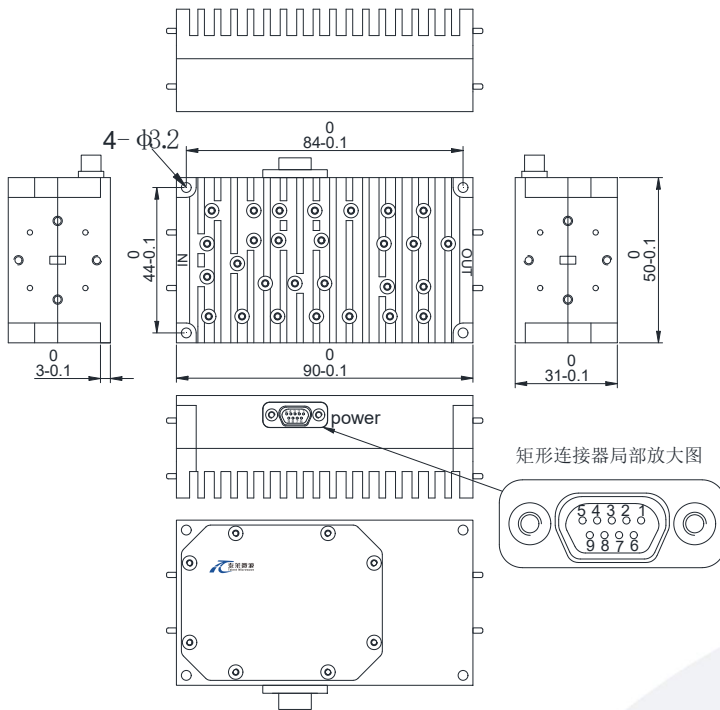
参数Parameter	指标 Value
供电偏置电压 Supply Bias Voltage	24V
输入功率 RF INPUT POWER	19 dBm
ESD灵敏度 ESD sensitivity (HBm)	Class 0, passed 150V



Available 220V System
Benchtop Amplifier

外形尺寸 Outline Drawing:

Unit: mm(Inches)



MICRO-D15 Female Define	
引脚 Pin #	功能 Function
1-4	+19V
5	NC
6-9	GND



OBSERVE PRECAUTIONS
ELECTROSTATIC SENSITIVE
DEVICES

温度环境 Environmental Conditions:

参数 Parameter	Min.	Typ.	Max.	单位 Units
操作温度 Operating Temperature	+10		+40	°C
存储温度 Non-operating Temperature	0		+50	°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-040060-3036-19	Power Amplifier 40-60 GHz, Psat:36 dBm, Gain:30 dB, WR-19	Rev.1.1