

Model: TMPA-060088-2229-12
Power Amplifier
60-88 GHz, Psat:29 dBm, Gain:22 dBm
Feature:

- Frequency Range: 50-75 GHz
- Gain:22 dBm Type
- Output Power Psat: 29 dBm Type
- 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	60-88			GHz
增益 Gain		22		dB
饱和输出功率Psat		29		dBm
输入驻波 Input VSWR		1.5		:1
输出驻波 Output VSWR		1.2		:1
直流电压 DC Voltage		18		V DC
直流电流 DC Supply Current		50		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-12/ UG-387/U	
直流偏置 Bias	Solder Pin	
尺寸 Size	/	mm
重量 Weight	/	g

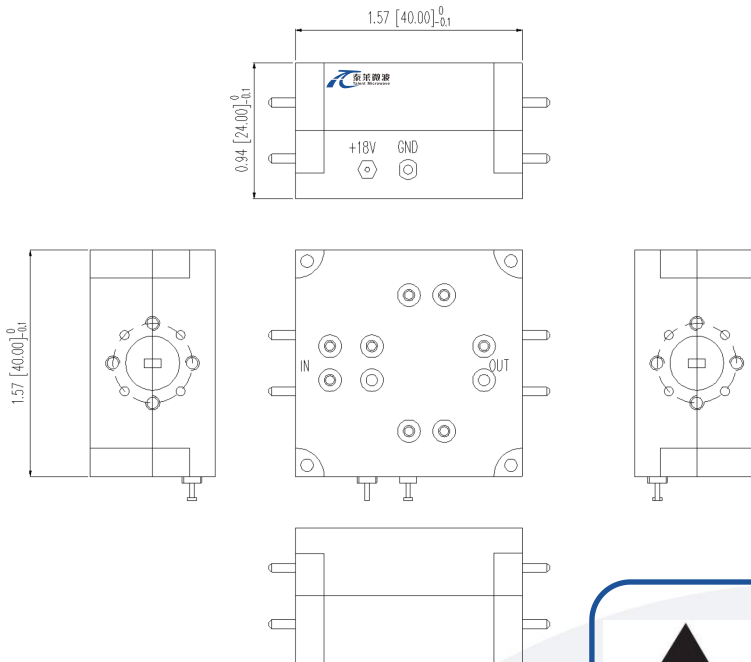
绝对最大值 Absolute Maximum Ratings:

参数Parameter	指标 Value
供电偏置电压 Supply Bias Voltage	TBD
输入功率 RF INPUT POWER	17 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)



OBSERVE PRECAUTIONS
ELECTROSTATIC SENSITIVE
DEVICES

温度环境 Environmental Conditions:

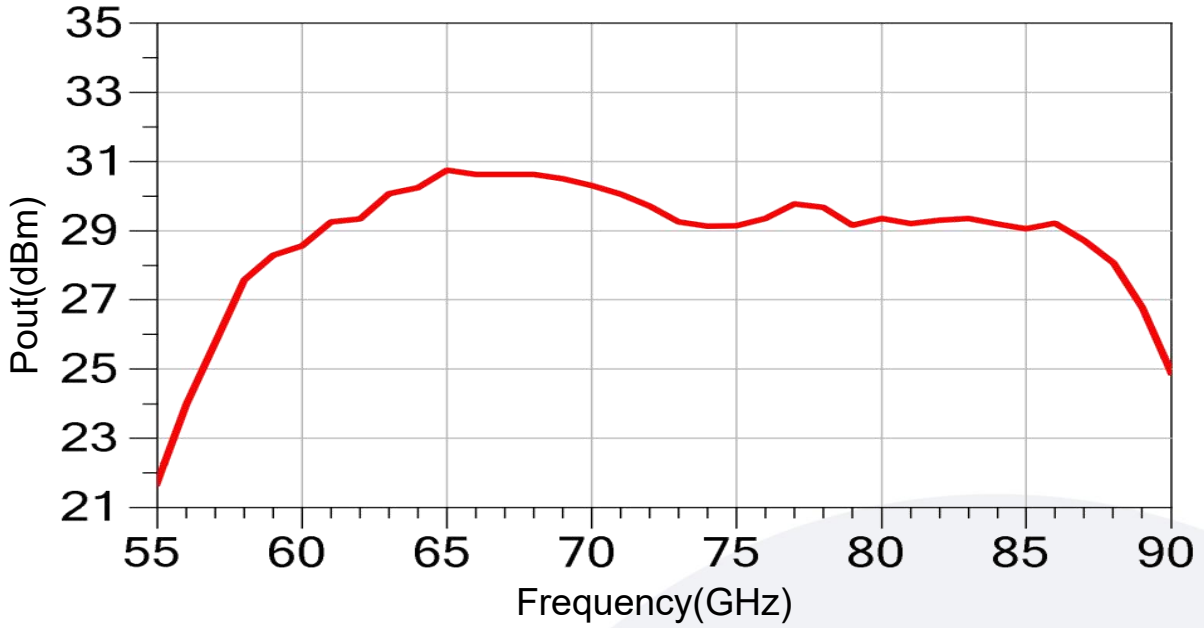
参数Parameter	Min.	Typ.	Max.	单位Units
操作温度 Operating Temperature	-10		+65	°C
存储温度 Non-operating Temperature	-55		+125	°C
相对湿度 Relative humidity		95		%
海拔 Altitude	50,000			feet
震动 Shock / Vibration(MIL-STD-810F)	25g rms (15 degree 2KHz) endurance, 1 hour per axis			
冲击 Shock(non operating)	20G for 11msc half sin wave,3 axis both directions			

订货信息 Ordering Information:

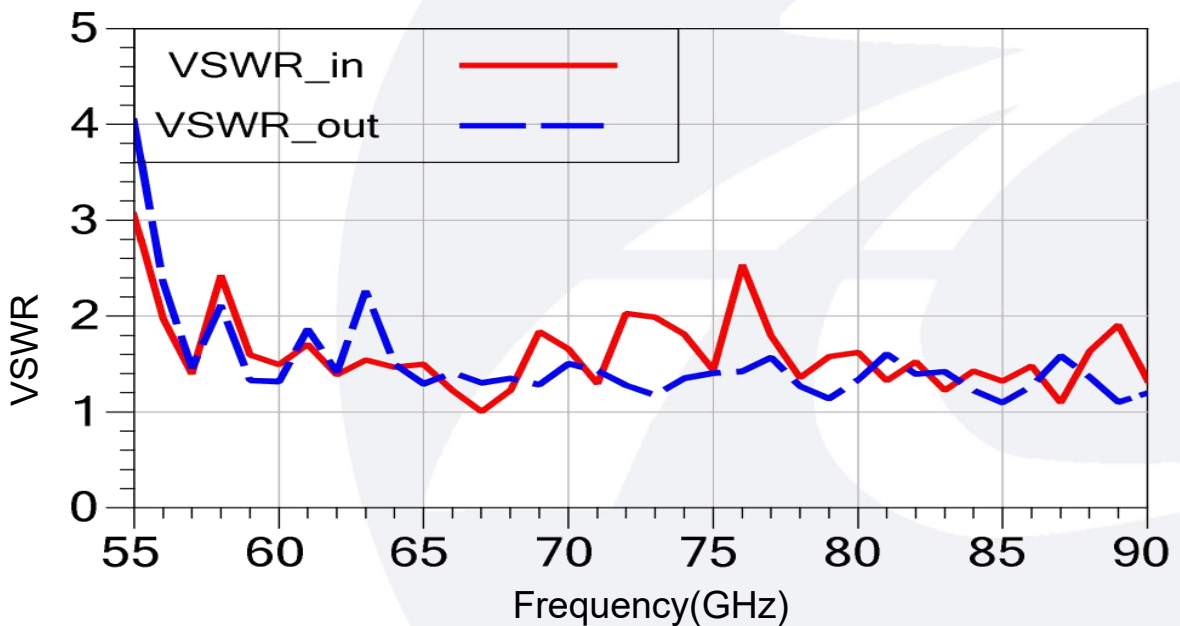
标准型号 Part Number	描述 Description	版本号Revision
TMPA-060088-2229-12	Power Amplifier 60-88 GHz, Psat:29 dBm Type, Gain:22 dBm Type,WR-12	Rev.1.1

典型曲线 Typical Performance Data:

Psat vs Frequency@Pin=15dBm



VSWR vs Frequency



典型曲线 Typical Performance Data:

Gain vs Frequency

