

TURPA-050075232115

**50-75GHz, Gain:14dB,Psat:22dBm**

**Feature:**

- Frequency Range:50-75 GHz
- Gain:14dB Typ
- Output Power Psat:22dBm Typ
- Good Power and Gain Flatness

**电气特性 Electrical Specifications:**

参数Parameter	Min	Typ	Max	单位Units
频率范围 Frequency range	50-75			GHz
增益 Gain		14		dB
饱和输出功率 Output Psat		22		dBm
增益平坦度 Gain Flatness		±1.5		dB
直流电压 DC Voltage		12		V DC
直流电流 DC Supply Current		260		mA

**机械特性 Mechanical Specifications:**

参数Parameter	指标 Value	单位Units
输入/输出接口 Input /Output Connector	WR-15/UG-385/U	
直流偏置 DC Bias	Solder Pin	
尺寸 Size	39*30*23	mm
重量 Weight	/	g

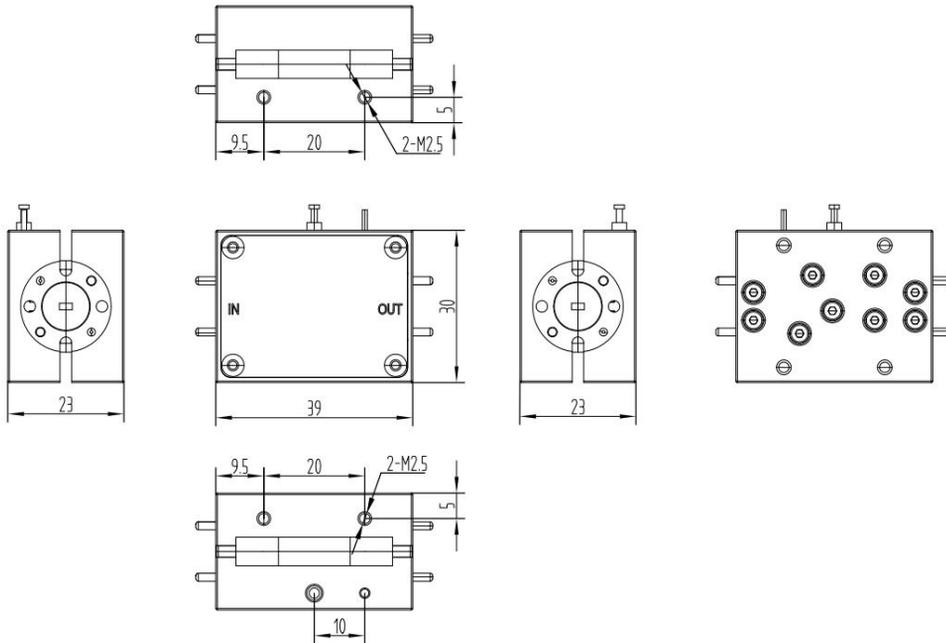
**绝对最大值 Absolute Maximum Ratings:**

参数Parameter	指标 Value
供电偏置电压 Supply Bias Voltage	+15 V
输入功率 RF Input Power	15 dBm
ESD灵敏度 ESD sensitivity (HBm)	Class 0, passed 150V



Available 220V System Benchtop Amplifier

Unit: mm(Inches)



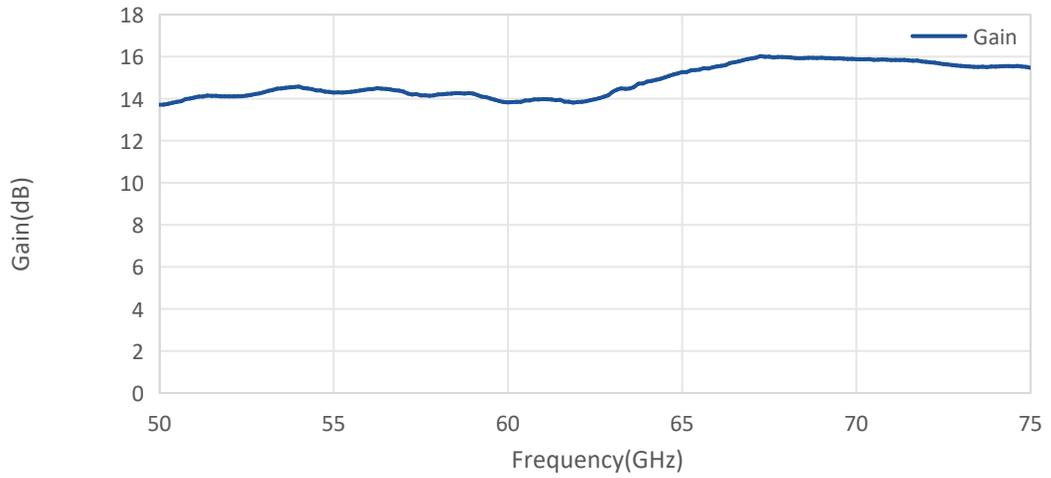
## 温度环境 Environmental Conditions:

参数Parameter	Min	Typ	Max	单位Units
操作温度 Operating Temperature	0		+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			

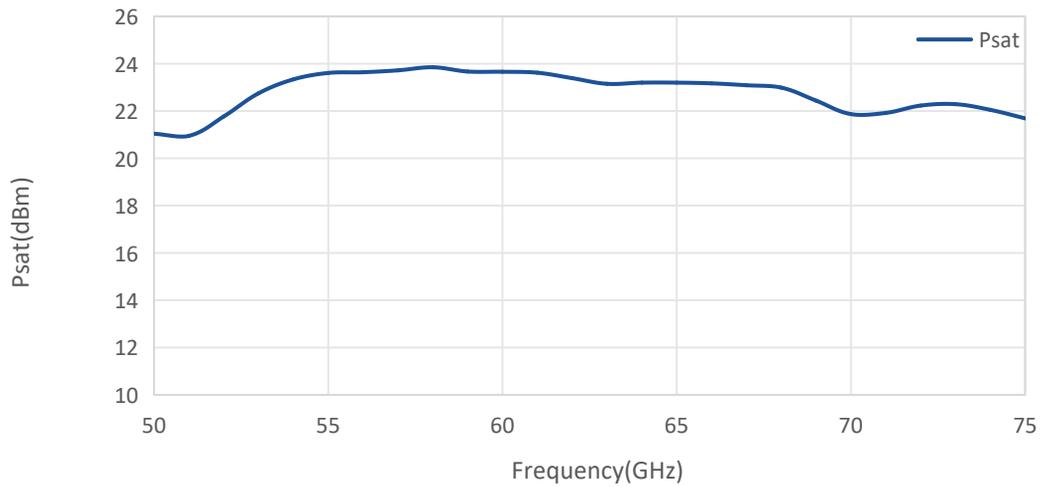
## 订货信息 Ordering Information:

标准型号 Part Number	描述 Description	版本号Revision
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### Gain vs Frequency



### Psat vs Frequency



Note: Above data is for ref only, actual data may vary from unit to unit depending on operating environment and other factors like material lots etc.