

Model:TMAM-200230-0211-04
**200-230GHz Active Multiplier
 X2, 200-230 GHz ,+11 dBm Output Power,**
Feature:

- Output Frequency: 200-230 GHz
- Output Power : 11 dbm typ
- Low power consumption
- 50 Ohm Matched Input / Output

电气特性 Electrical:

参数Parameter	Min.	Typ.	Max.	单位Units
输出频率 Output Frequency	200		230	GHz
输出功率 Output Power	+10	+11	+12	dBm
输入频率 Input Frequency	100		115	GHz
输入功率 Input Power	+10		+12	dBm
倍频次数 Multiply Factor		2		dB
供电电压 DC Voltage		7		V
供电电流DC Supply Current		190		mA

机械特性 Mechanical :

参数Parameter	指标 Value	单位Units
输出接口Output Connector	WR-04/UG-387	
输入接口Input Connector	WR-10/UG-387	
直流偏置 Bias	Solder Pin	
尺寸 Size	35×40×22	mm

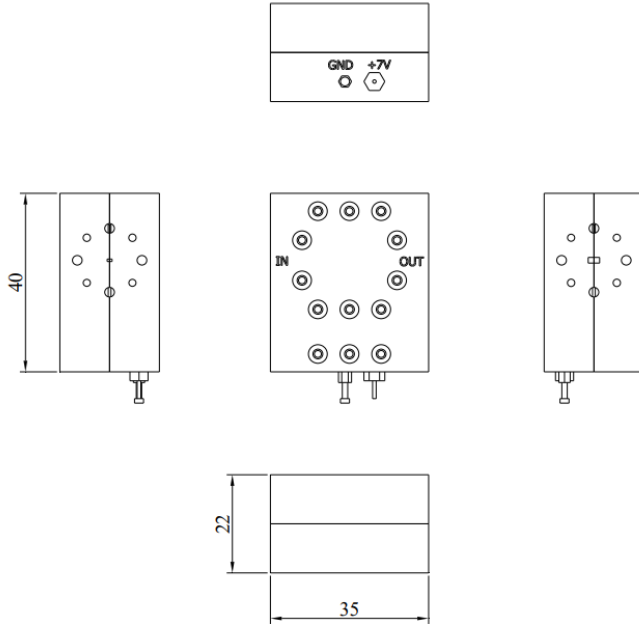

 Available 220V System
 Benchtop Amplifier

绝对最大值 Absolute Maximum Ratings:

参数Parameter	指标 Value
供电偏置电压 Supply Bias Voltage	+10 V
输入功率 RF INPUT POWER	+15dBm
ESD灵敏度 ESD sensitivity (HBm)	Class 0, passed 150V

外形尺寸 Outline Drawing:

Unit: mm



温度环境 Environmental Conditions:

参数Parameter	Min.	Typ.	Max.	单位Units
操作温度 Operating Temperature	-55		+85	°C
存储温度 Non-operating Temperature	-65		+150	°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
TMAM-200230-0211-04	200-230GHz Active Multiplier X2, 200-230 GHz ,+11 dBm Output Power,	Rev.1.1

典型曲线 Typical Performance Data:

测试条件: Pin=12 dBm

Output Power

