

Active Frequency Multiplier X2,200-230 GHz, 11 dBm Output Power

Feature:

- Output Frequency: 200-230 GHz
- Output Power : 11dBm Typ
- Low power consumption

电气特性 Electrical Specifications:

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		Time
供电电压 DC Voltage		7		V
供电电流 DC Supply Current		190		mA

机械特性 Mechanical Specifications:

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

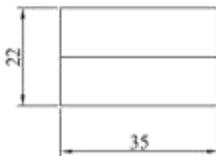
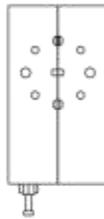
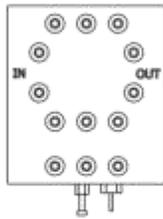
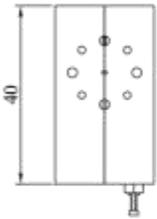
绝对最大值 Absolute Maximum Ratings:

参数 Parameter	指标 Value
供电偏置电压 Supply Bias Voltage	+10V
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



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	Active Multiplier,X2,200-230GHz, Output Power:11dBm,WR-04/UG-387/U,WR-10/UG-387/U	Rev.1.1

Output Power vs Frequency

