

## Model:TMAM-110150-0310-06

110-150 GHz X3 Active Frequency Multiplier ,  
+8 dBm Output Power,WR-06

### Feature:

- Output Frequency:110-150 GHz
- Output Power : 8 dBm Typ
- Low power consumption

### 电气特性 Electrical:

参数Parameter	Min.	Typ.	Max.	单位Units
输出频率 Output Frequency	110		150	GHz
输出功率 Output Power		8		dBm
输入频率 Input Frequency	36.7		50	GHz
输入功率 Input Power		+4		dBm
倍频次数 Multiply Factor		4		dB
供电电压 DC Voltage		+7		V
供电电流DC Supply Current		700		mA

### 机械特性 Mechanical :

参数Parameter	指标 Value	单位Units
输出接口Output Connector	WR-06 UG-387/U	
输入接口Input Connector	2.4mm Female	
直流偏置 Bias	Solder Pin	
尺寸 Size	160×127×74.6	mm



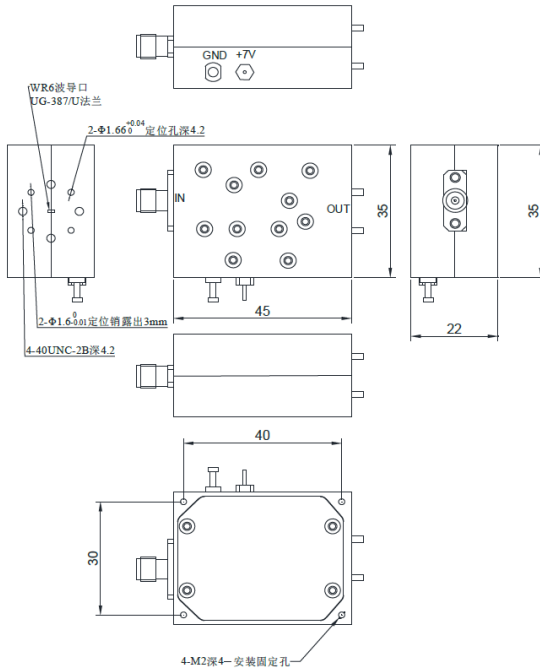
Available 220V System  
Benchtop Amplifier

### 绝对最大值 Absolute Maximum Ratings:

参数Parameter	指标 Value
供电偏置电压 Supply Bias Voltage	7 V
输入功率 RF Input Power	+10dbm
ESD灵敏度 ESD sensitivity (HBm)	Class 0, passed 150V

外形尺寸 Outline Drawing:

Unit: mm



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		+65	°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-110150-0310-06	110-150 GHz X3 Active Frequency Multiplier , +8 dBm Output Power,WR-06 ,SMA (F) Input Port r	Rev.1.1