

**Model:TMAM-060080-0220-12**
**Active Multiplier, WR-12, E-Band  
 X2,60-80GHz ,Output Power:20dBm**
**Feature:**

- RF Frequency: 60-80GHz
- Output Power : 20dBm Typ
- Low power consumption

**电气特性 Electrical:**

参数Parameter	Min.	Typ.	Max.	单位Units
RF 频率 RF Frequency	60		80	GHz
输出功率 Output Power		20		dBm
输入频率 Input Frequency	30		40	GHz
输入功率 Input Power		0		dBm
倍频次数 Multiply Factor		2		
供电电压 DC Voltage		+12		V
供电电流 Supply Current		450		mA

**机械特性 Mechanical :**

参数Parameter	指标 Value	单位 Units
输出接口 Output Connector	WR-12/UG-387/U	
输入接口 Input Connector	2.92mm Female	
直流偏置 Bias	Solder Pin	
尺寸 Size	39×26×20	mm

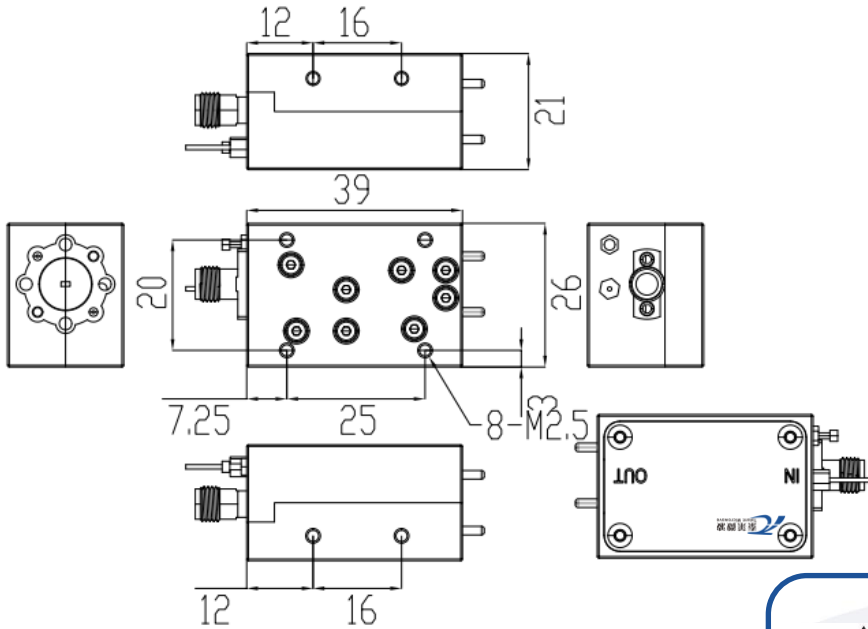

 Available 220V System  
 Benchtop Amplifier

**绝对最大值 Absolute Maximum Ratings:**

参数Parameter	指标 Value
供电偏置电压 Supply Bias Voltage	+13
输入功率 RF Input Power	+5 dbm
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		+65	°C
存储温度 Non-operating Temperature	-25		+75	°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-060080-0220-12	Active Multiplier X2,60-80 GHz ,+20dBm Output Power,WR-12	Rev.1.1