

**Model:TMAM-102108-0619-10**

**Active Multiplier, WR-10, W-Band  
102-108GHz, Output Power:19dBm**

**Feature:**

- Output Frequency:102-108 GHz
- Output Power : 19 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	102		108	GHz
输出功率 Output Power		19		dBm
输入频率 Input Frequency	17		18	GHz
输入功率 Input Power	1	1.5	3	dBm
倍频次数 Multiply Factor		6		dB
输入驻波 Input VSWR		2.0		:1
输出驻波 Output VSWR		2.0		:1
供电电压 DC Voltage		+12		V
供电电流DC Supply Current		500		mA

**机械特性 Mechanical :**

参数Parameter	指标 Value	单位 Units
输出接口Output Connector	WR-10/ UG-387/U	
输入接口Input Connector	SMA Female	
直流偏置 Bias	Solder Pin	
尺寸 Size	54×70×60	mm



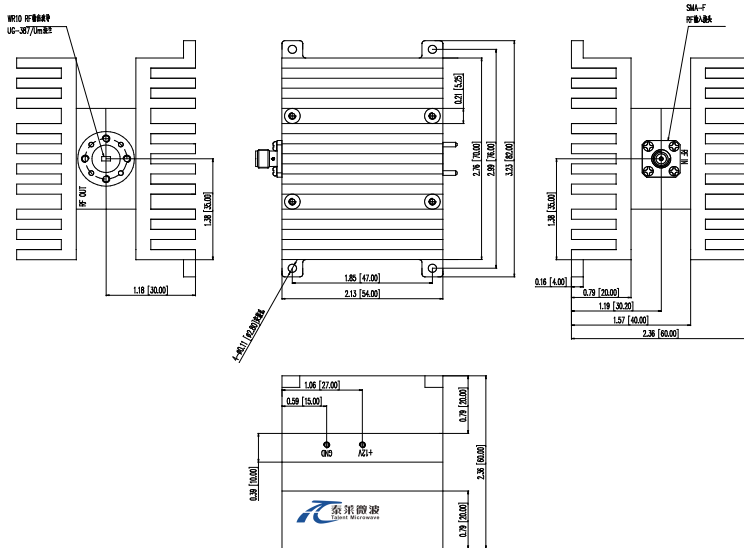
Available 220V System  
Benchtop Amplifier

**绝对最大值 Absolute Maximum Ratings:**

参数Parameter	指标 Value
供电偏置电压 Supply Bias Voltage	12V
输入功率 RF Input Power	+3 dbm
ESD灵敏度 ESD sensitivity (HBm)	Class 0, passed 150V

**外形尺寸 Outline Drawing:**

Unit: mm(Inches)



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	-55		+85	°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-102108-0619-10	W-Band Active Multiplier, 102-108GHz, Output Power:19dBm, SMA-F, WR10,UG-387/U	Rev.1.1