

**Model:TMAM-060090-0412-12**
**E-Band Active Multiplier  
 X4, 60-90 GHz ,+13.5 dBm Output Power,**
**Feature:**

- Output Frequency: 60-90GHz
- Output Power : 13.5dBm Typ
- Low power consumption

**电气特性 Electrical:**

参数Parameter	Min.	Typ.	Max.	单位Units
输出频率 Output Frequency	60		90	GHz
输出功率 Output Power	12		15	dBm
输入频率 Input Frequency	15		22.5	GHz
输入功率 Input Power	3	5	7	dBm
倍频次数 Multiply Factor		4		dB
供电电压 DC Voltage		5.5		V
供电电流DC Supply Current		430		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	
输入接口Input Connector	SMA Female	
直流偏置 Bias	Solder Pin	
尺寸 Size	45*40*24	mm

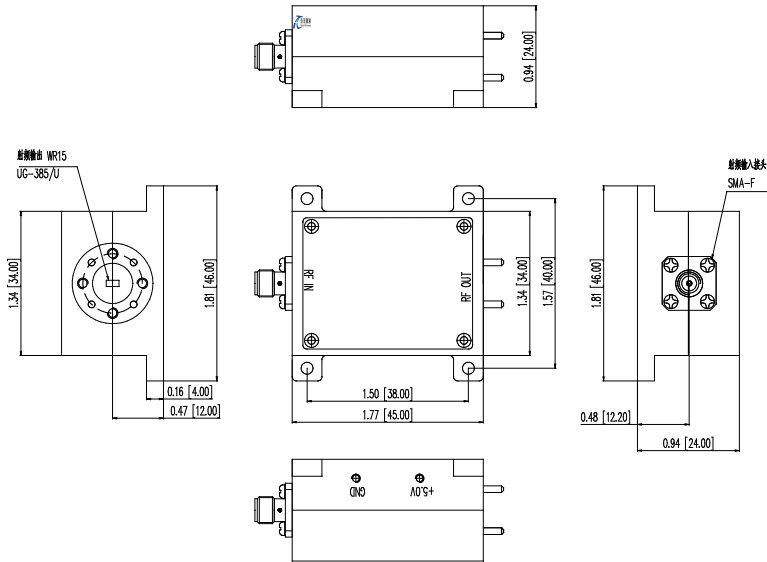

 Available 220V System  
 Benchtop Amplifier

**绝对最大值 Absolute Maximum Ratings:**

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

**外形尺寸 Outline Drawing:**

Unit: Inches(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	-45		+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-060090-0412-12	E-Band Active Multiplier X4, 60-90 GHz ,+13.5 dBm Output Power,WR-12	Rev.1.1