

Model:TMAM-060090-0313-12
**E-Band Active Multiplier
 X3, 60-90 GHz ,+16 dBm Output Power,**
Feature:

- Output Frequency: 60-90GHz
- Output Power : 16 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	60		90	GHz
输出功率 Output Power	13	16		dBm
输入频率 Input Frequency	20		30	GHz
输入功率 Input Power	0	1.5	3	dBm
倍频次数 Multiply Factor		3		dB
供电电压 DC Voltage		+5.5		V
供电电流DC Supply Current		330		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	SMA Female	
直流偏置 Bias	Solder Pin	
尺寸 Size	腔体主体: 58×47×40mm 含散热器: 58×35×24mm	mm

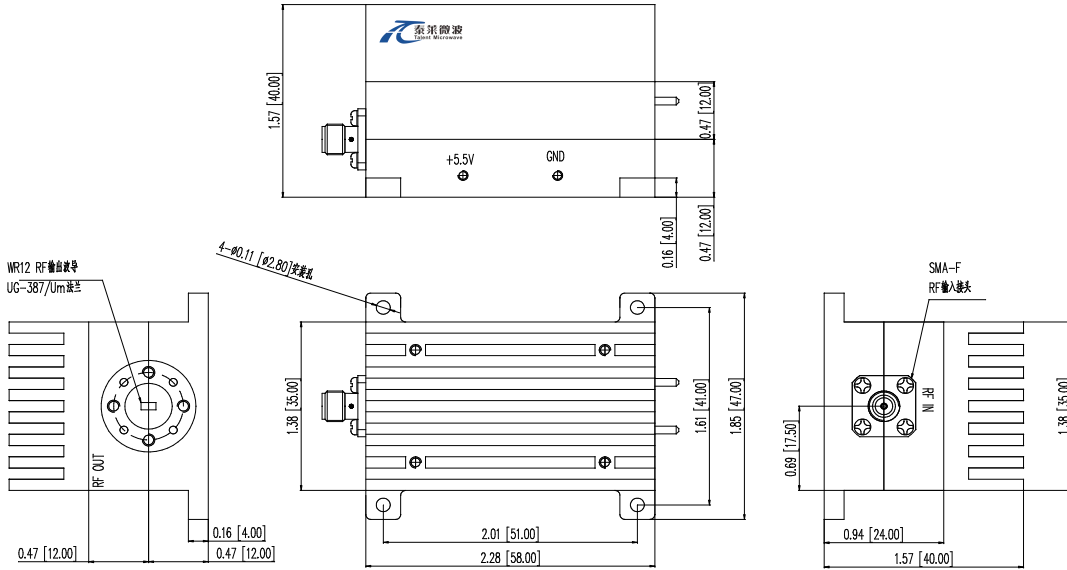

 Available 220V System
 Benchtop Amplifier

绝对最大值 Absolute Maximum Ratings:

参数Parameter	指标 Value
供电偏置电压 Supply Bias Voltage	5.5V
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	-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-060090-0313-12	E-Band Active Multiplier X3, 60-90 GHz, +16 dBm Output Power, WR-12	Rev.1.1