

Model:TMAM-060090-0612-12
**E-Band Active Multiplier
X6, 60-90 GHz ,+12 dBm Output Power,WR-12**
Feature :

- Output Frequency: 60-90GHz
- Output Power : 12dBm Typ
- Low power consumption
- 50 Ohm Matched Input / Output

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		dBm
输入频率 Input Frequency	10		15	GHz
输入功率 Input Power	4	5	6	dBm
倍频次数 Multiply Factor		6		
输入驻波 Input VSWR		2.0		:1
输出驻波 Output VSWR		2.5		:1
供电电压 DC Voltage		5.5		V
供电电流DC Supply Current		400		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



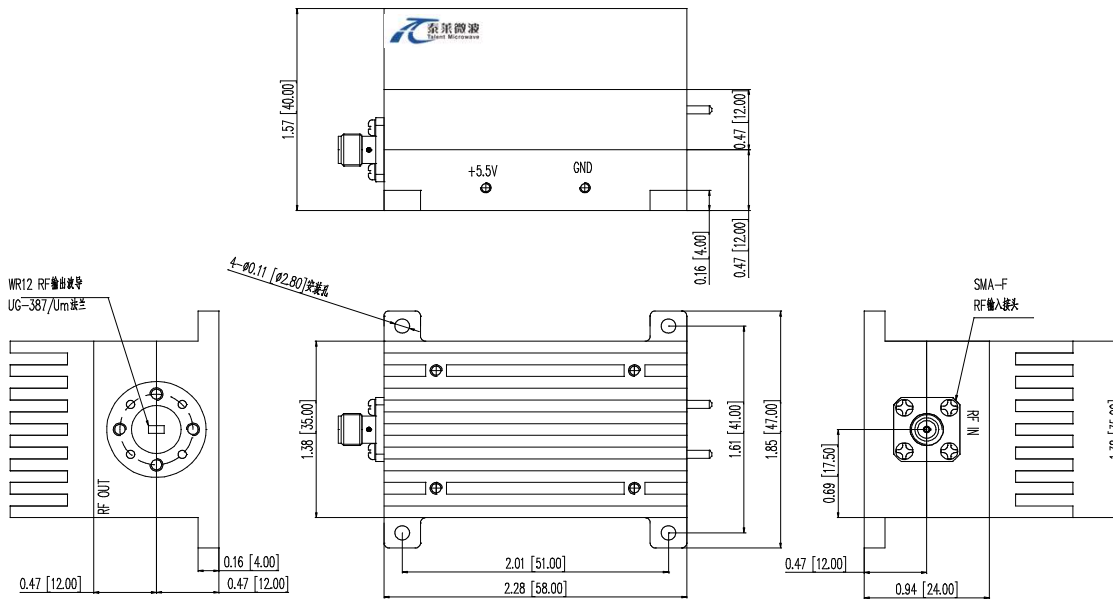
Available 220V System
Benchtop Amplifier

绝对最大值 Absolute Maximum Ratings:

参数Parameter	指标 Value
供电偏置电压 Supply Bias Voltage	
输入功率 RF Input Power	+6 dbm
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	-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-060090-0612-12	E-Band Active Multiplier X6, 60-90 GHz ,+12 dBm Output Power,WR-12	Rev.1.1