

Model:TMAM-110140-0313-08
Active Multiplier
X3,110-140 GHz ,+13 dBm Output Power,WR-8
Feature:

- RF Frequency: 110-140GHz
- Output Power : 13 dBm Typ
- Low power consumption

电气特性 Electrical:

参数Parameter	Min.	Typ.	Max.	单位Units
RF 频率 RF Frequency	110		140	GHz
输出功率 Output Power	11.5	13		dBm
输入频率 Input Frequency	36.66		46.7	GHz
输入功率 Input Power	0	1.5	3	dBm
倍频次数 Multiply Factor		3		
供电电压 DC Voltage		+12		V
供电电流DC Supply Current		300		mA

机械特性 Mechanical :

参数Parameter	指标 Value	单位 Units
输出接口Output Connector	WR-08/UG-387/U	
输入接口Input Connector	2.4 Female	
直流偏置 Bias	Solder Pin	
尺寸 Size	腔体主体: 39×26×21mm	mm

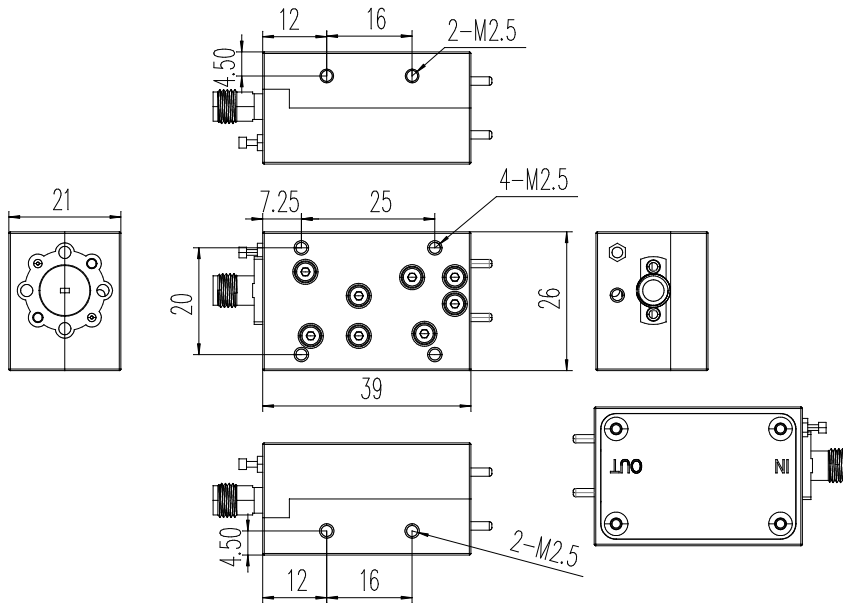

 Available 220V System
 Benchtop Amplifier

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	+3 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-110140-0313-08	Active Multiplier X3,110-140 GHz ,+13 dBm Output Power,WR-8	Rev.1.1