

Model:TMAM-170260-1800-04
**X18 Active Multiplier, WR-04
 170-260GHz, Output Power:0dBm,**
Feature:

- Output Frequency: 170-260 GHz
- Output Power : 0 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	170		260	GHz
输出功率 Output Power		0		dBm
输入频率 Input Frequency	9.44		14.44	GHz
输入功率 Input Power		+5	+10	dBm
倍频次数 Multiply Factor		18		dB
谐波抑制 Harmonic Suppression		-20		dBc
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		200		mA

机械特性 Mechanical :

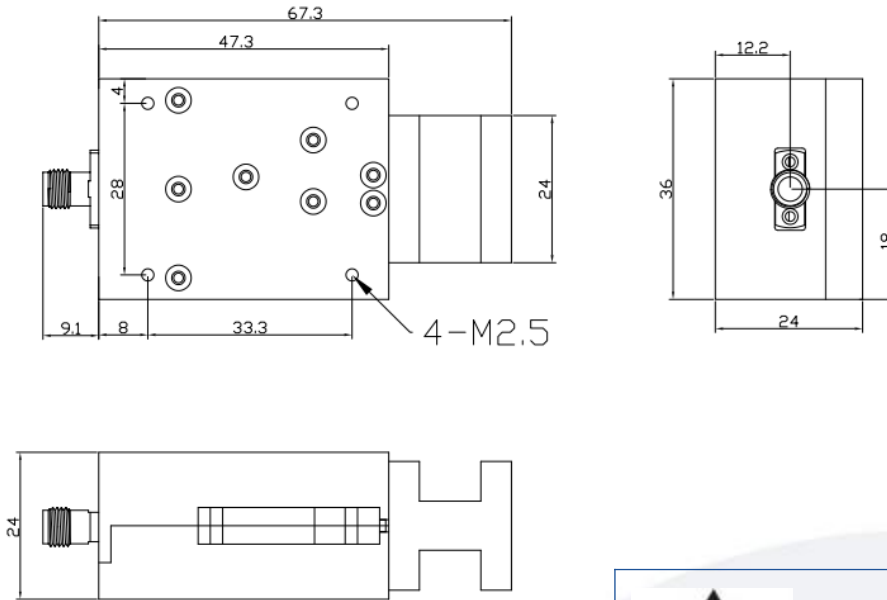
参数Parameter	指标 Value	单位Units
输出接口Output Connector	WR-04/ UG-387/U	
输入接口Input Connector	SMA Female	
直流偏置 Bias	Solder Pin	
尺寸 Size	67.3 X 36 X24	mm

绝对最大值 Absolute Maximum Ratings:

参数Parameter	指标 Value
供电偏置电压 Supply Bias Voltage	+13 V
输入功率 RF INPUT POWER	+10 dBm
ESD灵敏度 ESD sensitivity (HBm)	Class 0, passed 150V

外形尺寸 Outline Drawing:

Unit: 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	-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-170260-1800-04	Active Multiplier,170-260GHz,Output Power:0dBm,SMA Female, WR04/UG-387/U	Rev 1.2