泰莱微波
Talent Microwave

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Model:TMAM-070110-0608-10

V-Band Active Multiplier
X6, 70-110 GHz, +7 dBm Output Power

Feature:

- Output Frequency:70-110 GHz
- Output Power : 7dBm Typ
- Low power consumption

电气特性 Electrical Specifications:

参数Parameter	Min	Typ	Max	单位Units
输出频率 Output Frequency	70		110	GHz
输出功率 Output Power		8		dBm
输入频率 Input Frequency	11.66		18.34	GHz
输入功率 Input Power	3	5	7	dBm
谐波 Harmonic			-30	dBc
倍频次数 Multiply Factor		6		
供电电压 DC Voltage		12		V
供电电流DC Supply Current		270		mA

机械特性 Mechanical Specifications:

参数 Parameter	指标 Value	单位 Units
输出接口Output Connector	WR-10/UG-387/U	
输入接口Input Connector	SMA Female	
直流偏置 Bias	Solder Pin	
尺寸 Size	46*28*23	mm

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	10 dbm
ESD灵敏度 ESD sensitivity (HBm)	Class 0, passed 150V

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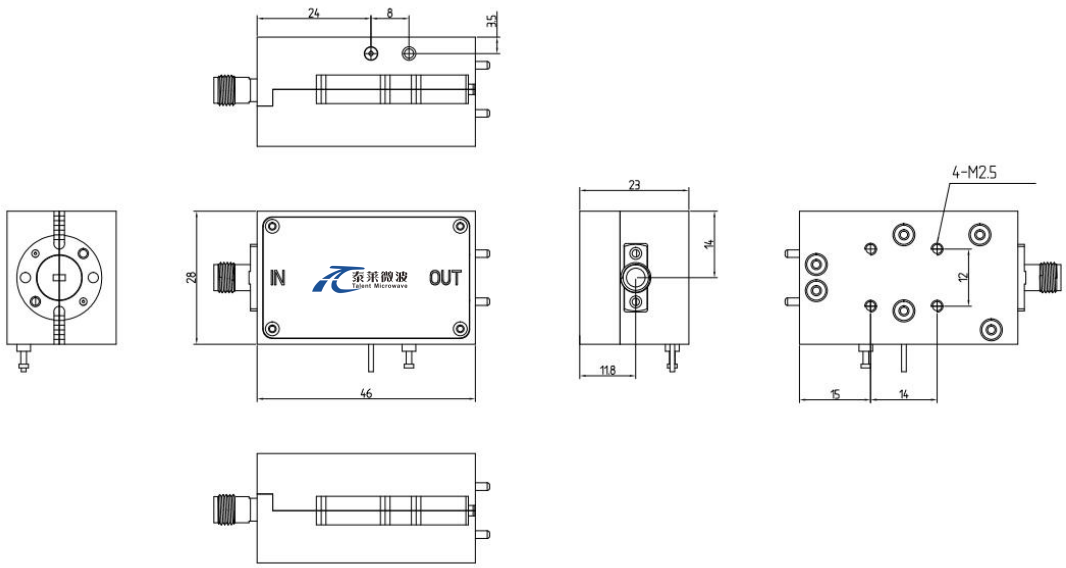
外形尺寸 Outline Drawing:

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	℃
存储温度 Non-operating Temperature	-25		+75	℃
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-070110-0608-10	Active Multiplier,X6,70-110GHz, Output Power:8dBm,WR-10/UG-387/U,SMA Female	Rev.1.1

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典型曲线 Typical Performance Data: