

Model:TMAM-075110-0620-10

**W-Band Active Multiplier
X6, 75-110 GHz ,+20 dBm Output Power**

Feature:

- Output Frequency: 75-110GHz
- Output Power : 20dBm Typ
- Low power consumption

电气特性 Electrical:

参数Parameter	Min.	Typ.	Max.	单位Units
输出频率 Output Frequency	75		110	GHz
输出功率 Output Power	18	20		dBm
输入频率 Input Frequency	12.5		18.33	GHz
输入功率 Input Power	2	3	5	dBm
倍频次数 Multiply Factor		6		dB
输入驻波 Input VSWR		2.0		:1
输出驻波 Output VSWR		2.0		:1
供电电压 DC Voltage	+9	+10	+12	V
供电电流DC Supply Current		750		mA

机械特性 Mechanical :

参数Parameter	指标 Value	单位Units
输出接口Output Connector	WR-10/UG-387	
输入接口Input Connector	2.92mm Female	
直流偏置 Bias	Solder Pin	
尺寸 Size	58*47*42	mm

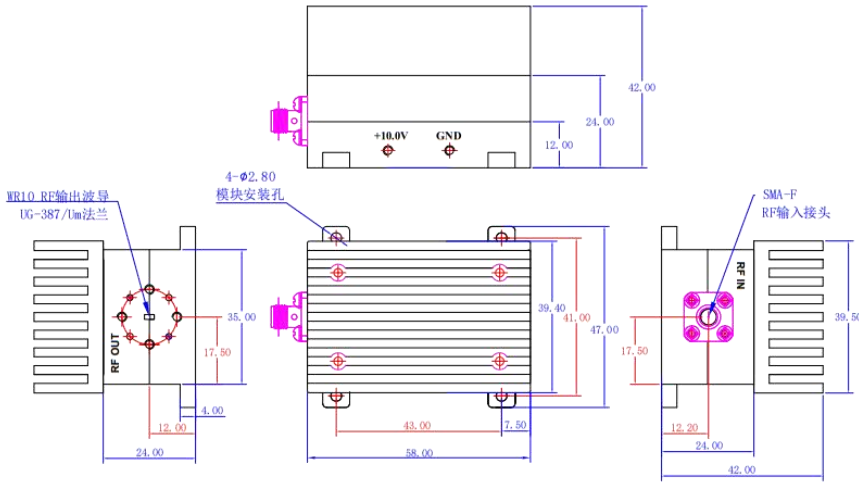
绝对最大值 Absolute Maximum Ratings:

参数Parameter	指标 Value
供电偏置电压 Supply Bias Voltage	12 V
输入功率 RF INPUT POWER	TBD
ESD灵敏度 ESD sensitivity (HBm)	Class 0, passed 150V



外形尺寸 Outline Drawing:

Unit: Inches(mm)



75-110GHz 20dBm六倍频器外形图



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-075110-0620-10	W-Band Active Multiplier X6, 75-110 GHz ,20dBm Output Power,WR-10	Rev.1.1