

Model:TMPM-110170-0204-06
**G-Band Passive Frequency Doubler
 X2, 110-170 GHz ,2 dBm Output Power,**
Feature:

- Output Frequency: 110-170GHz
- Output Power : 2 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	110		170	GHz
输出功率 Output Power		2		dBm
输入频率 Input Frequency	55		85	GHz
输入功率 Input Power		15		dBm
倍频次数 Multiply Factor		2		
变频损耗 conversion loss		13		dB

机械特性 Mechanical :

参数Parameter	指标 Value	单位Units
输出接口Output Connector	WR-6/UG-387/U	
输入接口Input Connector	WR-12/UG-387/U	
尺寸 Size	21×22×20	mm

绝对最大值 Absolute Maximum Ratings:

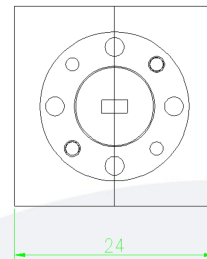
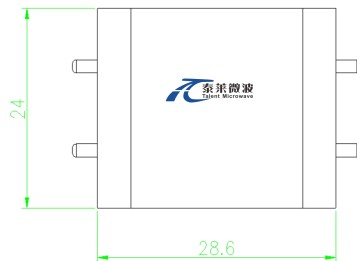
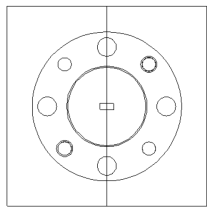
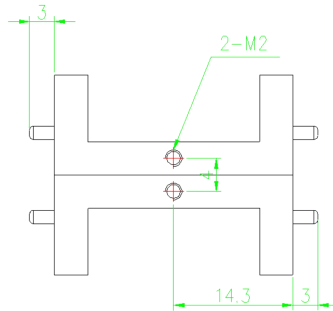
参数Parameter	指标 Value
供电偏置电压 Supply Bias Voltage	TBD
输入功率 RF Input Power	15dBm
ESD灵敏度 ESD sensitivity (HBm)	Class 0, passed 150V



Available 220V System
 Benchtop Active
 Multiplier

外形尺寸 Outline Drawing:

Unit: mm(Inches)



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		+40	°C
存储温度 Non-operating Temperature	0		+50	°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
TMPM-110170-0204-06	G-Band Passive Frequency Doubler X2, 110-170 GHz ,2 dBm Output Power,WR-6	Rev.1.1

典型曲线 Typical Performance Data:

