

**Model:TMPM-220330-0307-3.4**
**Passive Frequency Tripler  
 X3,220-330 GHz,7 dBm Output Power**
**Feature:**

- Output Frequency:220-330 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	220		330	GHz
输入频率 Input Frequency	73.5		110	GHz
输出功率 Output Power		7		dBm
输入功率 Input Power			23	dBm
倍频次数 Multiply Factor		3		

**机械特性 Mechanical Specifications:**

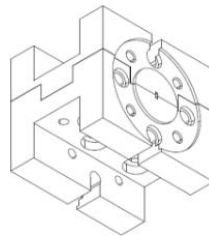
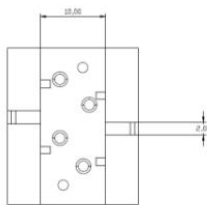
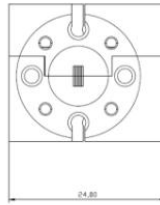
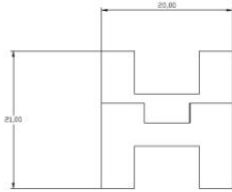
参数 Parameter	指标 Value	单位 Units
输出接口 Output Connector	WR-3.4/UG-387/U	
输入接口 Input Connector	WR-10/UG-387/U	
尺寸 Size	14*19*19	mm

**绝对最大值 Absolute Maximum Ratings:**

参数 Parameter	指标 Value
输入功率 RF Input Power	15dBm
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	0		+50	°C
存储温度 Non-operating Temperature	-25		+65	°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-220330-0307-3.4	Passive Frequency Tripler X3,220-330GHz, 7dBm Output Power,WR-3.4	Rev.1.1