

Passive Frequency Tripler X2,288-324 GHz,6 dBm Output Power

Feature:

- Output Frequency:288-324 GHz
- Output Power :6dBm 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	288	304	324	GHz
输入频率 Input Frequency	144	152	162	GHz
输出功率 Output Power		6		dBm
输入功率 Input Power			20	dBm
倍频次数 Multiply Factor		2		

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-6/UG-387/U	
尺寸 Size	14*19*19	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	20dBm
ESD灵敏度 ESD sensitivity (HBm)	Class 0, passed 150V

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-288324-0206-3.4	Passive Frequency Tripler X2,288-324GHz, 6dBm Output Power,WR-3.4	Rev.1.1