

Passive Frequency Tripler X2,110-170 GHz,2 dBm Output Power

Feature:

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

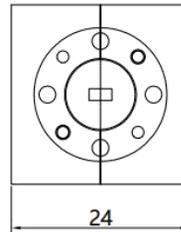
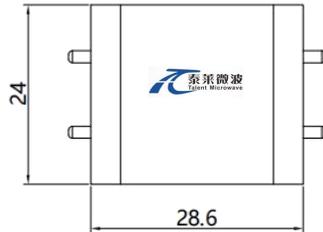
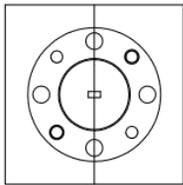
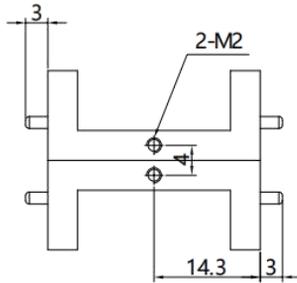
机械特性 Mechanical Specifications:

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	28.6*24*24	mm

绝对最大值 Absolute Maximum Ratings:

参数 Parameter	指标 Value
输入功率 RF Input Power	22dBm
ESD灵敏度 ESD sensitivity (HBm)	Class 0, passed 150V

Unit: mm



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:

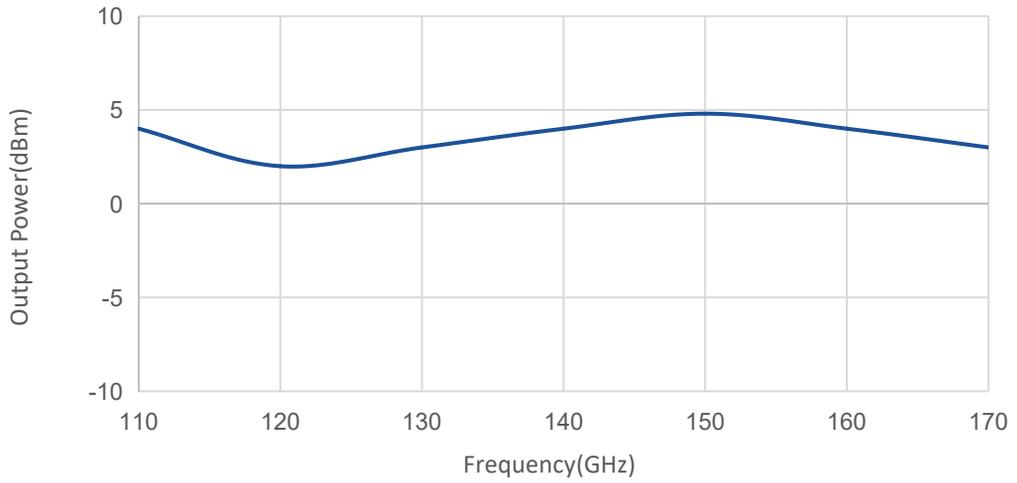
标准型号 Part Number

描述 Description

版本号 Revision

典型曲线 Typical Performance Data:

Output Power vs Frequency



Conversion Loss vs Frequency

