

TURPM-23026003173.4

Passive Frequency Tripler
X3,230-260 GHz,17 dBm Output Power

Feature:

- Output Frequency:230-260 GHz
- Output Power :17dBm 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	230		260	GHz
输入频率 Input Frequency	76.66		86.66	GHz
输出功率 Output Power		17		dBm
输入功率 Input Power	18		24	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	/	mm

绝对最大值 Absolute Maximum Ratings:

参数Parameter	指标 Value
输入功率 RF Input Power	24dBm
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	0		+50	℃
存储温度 Non-operating Temperature	-25		+65	℃
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
TURPM-23026003173.4	Passive Frequency Tripler X3,230-260GHz, 17dBm Output Power,WR-3.4	Rev.1.1