

## Active Frequency Multiplier, X6,75-80GHz, 18dBm Output Power

### Feature:

- Output Frequency:75-80GHz
- Output Power :18 dBm Typ
- Low power consumption

### Electrical Specifications:

Parameter	Min	Typ	Max	Units
Output Frequency	75		80	GHz
Output Power	17	18	20	dBm
Input Frequency	12.5		13.33	GHz
Input Power	4	6	8	dBm
Multiply Factor		6		Time
Input VSWR		2		:1
Output VSWR		2		:1
DC Voltage	5.5			V
DC Supply Current		420		mA

### 机械特性 Mechanical Specifications:

参数 Parameter	指标 Value	单位 Units
输出接口 Output Connector	WR-12/UG-387/U	
输入接口 Input Connector	SMA Female	
直流偏置 DC Bias	Solder Pin	
尺寸 Size	48*30*24	mm

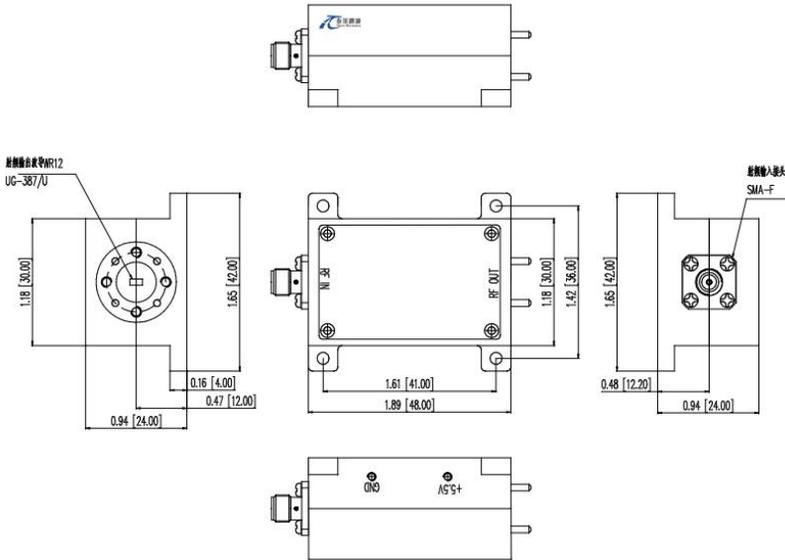
### 绝对最大值 Absolute Maximum Ratings:

参数 Parameter	指标 Value
供电偏置电压 Supply Bias Voltage	5.5V
输入功率 RF Input Power	8dBm
ESD灵敏度 ESD sensitivity (HBm)	Class 0, passed 150V



Available 220V System  
Benchtop Amplifier

Unit: mm



## 温度环境 Environmental Conditions:

参数 Parameter	Min	Typ	Max	单位 Units
操作温度 Operating Temperature	-10		+55	°C
存储温度 Non-operating Temperature	-45		+85	°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
TMAM-075080-0618-12	Active Multiplier,X6,75-80GHz, Output Power:18dBm,WR-12/UG-387/U,SMA Female	Rev.1.1