

Model:TMAM-055085-0616-12
**E-Band Active Multiplier
 X6, 55-85 GHz ,16 dBm Output Power**
Feature:

- Output Frequency: 55-85GHz
- Output Power : 16dBm Typ
- Low power consumption

电气特性 Electrical:

参数Parameter	Min.	Typ.	Max.	单位Units
输出频率 Output Frequency	55		85	GHz
输出功率 Output Power	13	16	18	dBm
输入频率 Input Frequency	9.167		14.167	GHz
输入功率 Input Power	2	3	5	dBm
倍频次数 Multiply Factor		6		dB
输入回波损耗 Input Return Loss		10		dB
谐波抑制 Harmonic Suppression		17		dBc
输出驻波 Output VSWR		8		:1
供电电压 DC Voltage		12		V
供电电流DC Supply Current		350		mA

机械特性 Mechanical :

参数Parameter	指标 Value	单位Units
输出接口Output Connector	WR-12/UG-387	
输入接口Input Connector	SMA Female	
直流偏置 Bias	Solder Pin	
尺寸 Size	58*47*24	mm

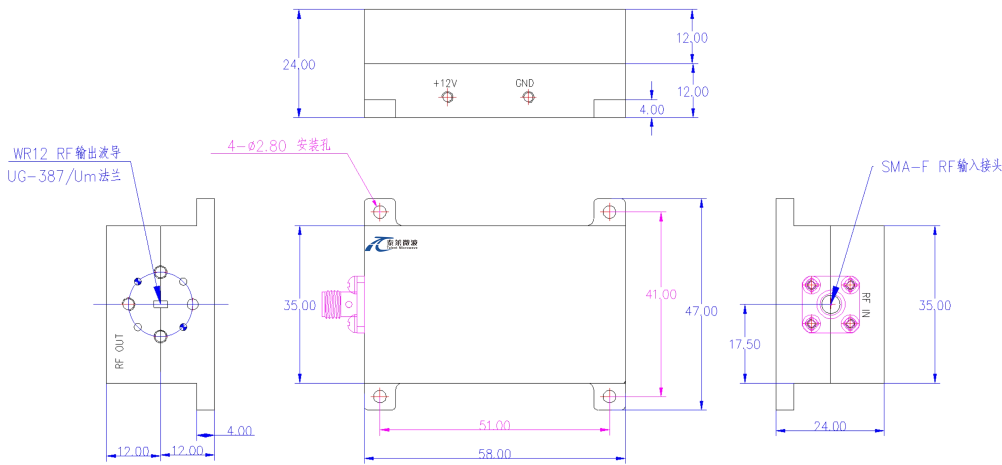

 Available 220V System
 Benchtop Amplifier

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	5 dBm
ESD灵敏度 ESD sensitivity (HBm)	Class 0, passed 150V

外形尺寸 Outline Drawing:

Unit: Inches(mm)



55-85GHz 16dBm六倍频器外形图



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	-10		+65	°C
存储温度 Non-operating Temperature	-25		+75	°C
相对湿度 Relative humidity		95		%
海拔 Altitude	50,000			feet
震动 Shock / Vibration(MIL-STD-810F)	10G RMS, 20-2000HZ			
冲击 Shock(non operating)	50G, 1/2Sine, 12msec			

订货信息 Ordering Information:

标准型号 Part Number	描述 Description	版本号Revision
TMAM-055085-0616-12	55-85 GHz X6 Active Frequency Multiplier , +16 dBm Output Power,WR-12 ,SMA (F) Input Port	Rev.1.1