

Model:TMAM-071086-0811-12

Active Multiplier, WR-12, E-Band 71-86 GHz, Output Power:11dBm

Feature:

- Output Frequency: 71-86GHz
- Output Power : 11dBm Typ
- Low power consumption

电气特性 Electrical:

参数Parameter	Min.	Typ.	Max.	单位Units
输出频率 Output Frequency	71		86	GHz
输出功率 Output Power		+11		dBm
输入频率 Input Frequency	8.875		10.75	GHz
输入功率 Input Power	+5	+7	+8	dBm
倍频次数 Multiply Factor		8		dB
7次谐波抑制 7th Harmonic Suppression		20		dBc
9次谐波抑制 9th Harmonic Suppression		20		dBc
输入驻波 Input VSWR		2.2		:1
输出驻波 Output VSWR		2.2		:1
供电电压 DC Voltage		+5	+8	V
供电电流DC Supply Current		22		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/U	
输入接口Input Connector	SMA Female	
直流偏置 Bias	Solder Pin	
尺寸 Size	46×28×24	mm



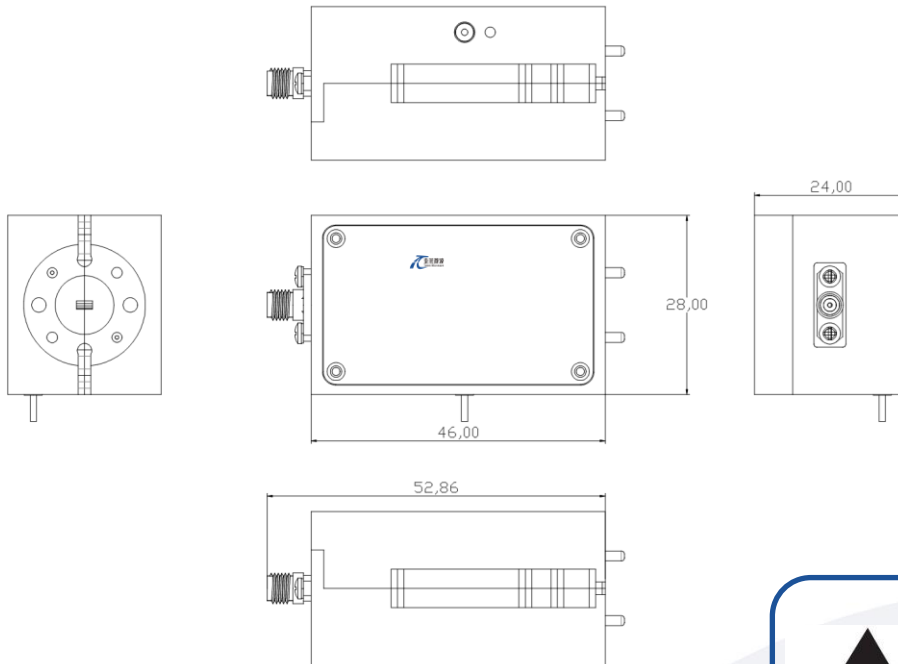
Available 220V System
Benchtop Amplifier

绝对最大值 Absolute Maximum Ratings:

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

外形尺寸 Outline Drawing:

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	-10		+65	°C
存储温度 Non-operating Temperature	-55		+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-071086-0811-12	E-Band Active Multiplier, 71-86GHz, Output Power:11dBm , SMA Female, WR-12,UG-387/U	Rev.1.1