泰莱微波
Talent Microwave

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Model: TMPA-076081-3028-12

Power Amplifier
76-81 GHz, Gain:30 dB,Psat:28 dBm

Feature:

- Frequency Range:76-81 GHz
- Gain:30 dB Typ
- Output Power Psat:28 dBm Typ
- Good Power and Gain Flatness

电气特性 Electrical Specifications:

参数Parameter	Min	Typ	Max	单位Units
频率范围 Frequency range		76-81		GHz
增益 Gain	29	30		dB
饱和输出功率 Output Psat	27	28		dBm
输入驻波 Input VSWR		2	2.3	:1
输出驻波 Output VSWR		2	2.3	:1
直流电压 DC Voltage		17	18	V DC
直流电流 DC Supply Current		650		mA

机械特性 Mechanical Specifications:

参数Parameter	指标 Value	单位Units
输入输出接口Input /Output Connector	WR-12/UG-387/U	
直流偏置 DC Bias	Solder Pin	
尺寸 Size	54*68*60	mm
重量 Weight	100	g

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

Available 220V System
Benchtop Amplifier

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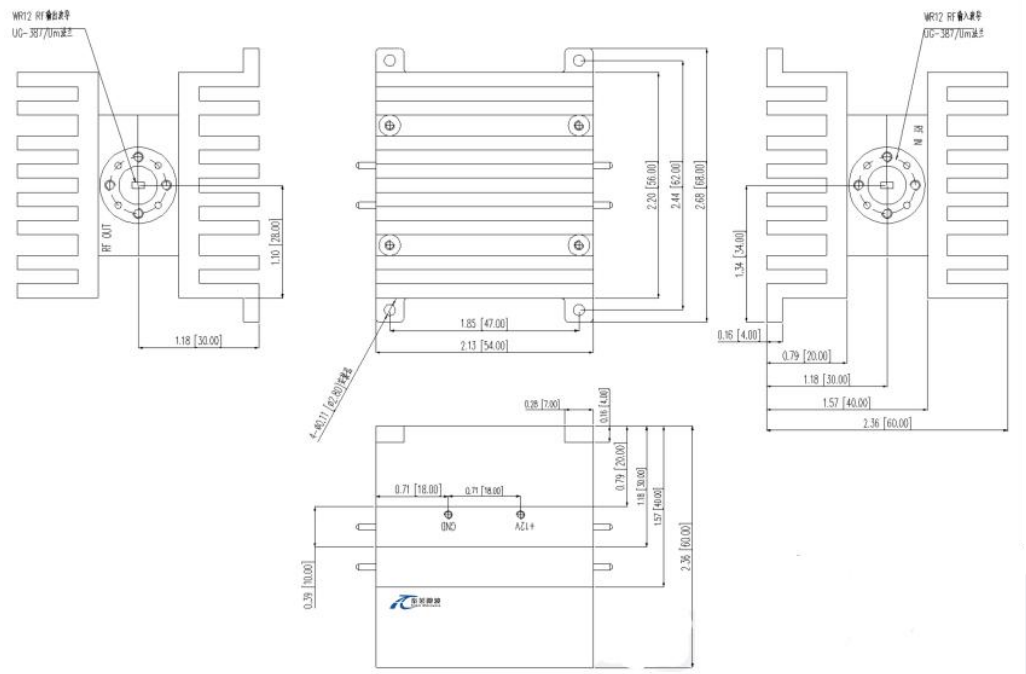
外形尺寸Outline Drawing:

Unit: mm(Inches)



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	-25		+65	℃
存储温度 Non-operating Temperature	-45		+125	℃
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
TMPA-076081-3028-12	Power Amplifier,76-81 GHz, Gain:30 dB Typ,Psat:28 dBm Typ,18V DC,WR-12	Rev.1.1

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典型曲线 Typical Performance Data: