

TURPA40G67G-0933

40-67GHz, Gain:9dB, Psat:33dBm

Feature:

- Ultra Wide Band: 40-67GHz
- Gain:9dB Typ
- Psat Output Power:33dBm Min
- Good Power and Gain Flatness
- 50 Ohm Matched Input / Output

电气特性 Electrical Specifications:

参数Parameter	Min	Typ	Max	单位Units
频率范围 Frequency range	40-67			GHz
增益 Gain		9		dB
小信号增益 Small-signal Gain		18		dB
饱和输出功率 Output Psat	33	34		dBm
输入驻波 Input VSWR		2		:1
输出驻波 Output VSWR		2		:1
直流电压 DC Voltage		+24		V DC
直流电流 DC Supply Current		1.7		A
阻抗 Impedance	50			Ohms

机械特性 Mechanical Specifications:

参数Parameter	指标 Value	单位Units
输入输出接口 Input /Output Connector	1.85 Female/1.85 Female	
直流偏置 DC Bias	Solder Pin	
尺寸 Size	44*52*13	mm
重量 Weight	/	g

绝对最大值 Absolute Maximum Ratings:

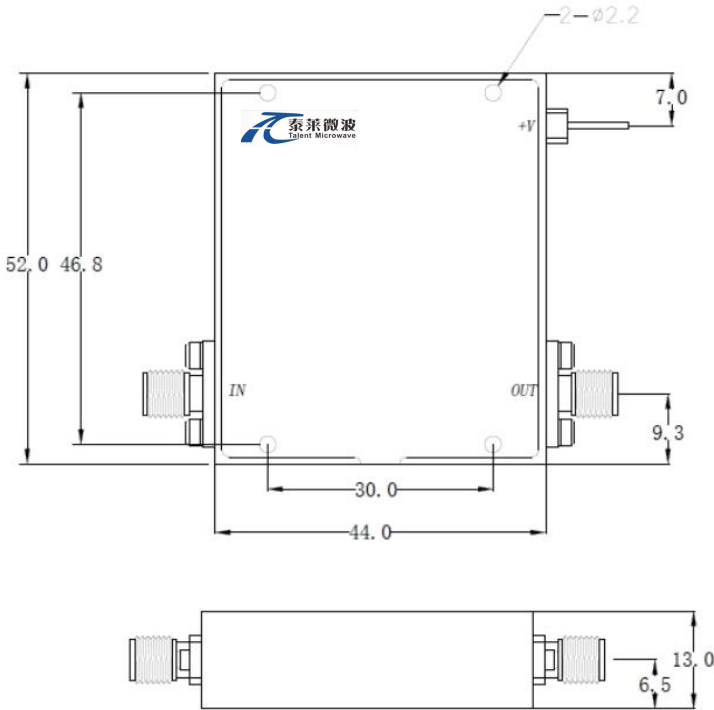
参数Parameter	指标 Value
供电偏置电压 Supply Bias Voltage	+24V
输入功率 RF Input Power	30dBm

ESD灵敏度



Available 220V System
 Benchtop Amplifier

Unit: mm



***Heat Sink Required During Operation



温度环境 Environmental Conditions:

参数Parameter	Min	Typ	Max	单位Units
操作温度 Operating Temperature	-45		+85	°C
存储温度 Non-operating Temperature	-55		+125	°C
相对湿度 Relative humidity		95		%
海拔 Altitude	10000		30000	feet
震动 Shock / Vibration(MIL-STD-810F)	Airborne			
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
------------------	----------------	-------------