

Model: TMPA-085135-1622-08
Power Amplifier
85-135 GHz, Gain:17 dB, Psat:22 dBm
Feature:

- Frequency Range:85-135 GHz
- Gain:17 dB Typ
- Output Power Psat:22 dBm Typ
- Good Power and Gain Flatness

Electrical Specifications:

Parameter	Min	Typ	Max	Units
Frequency range	85-135			GHz
Gain		17		dB
Output Psat		22		dBm
Input VSWR		2		:1
Output VSWR		2		:1
DC Voltage		9		V DC
DC Supply Current		1500		mA

Mechanical Specifications:

Parameter	Value	Units
Input /Output Connector	WR-08/UG-387/U	
DC Bias	Solder Pin	
Size	30*50*22	mm
Weight	/	g

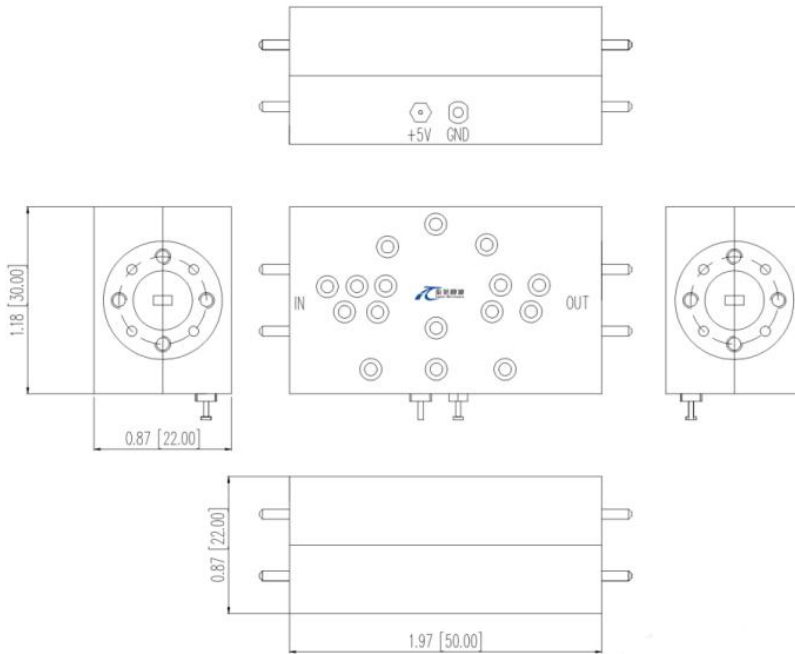
Absolute Maximum Ratings:

Parameter	Value
Supply Bias Voltage	TBD
RF Input Power	12 dBm
ESD sensitivity (HBm)	Class 0, passed 150V


 Available 220V System
 Benchtop Amplifier

Outline Drawing:

Unit: mm(Inches)



OBSERVE PRECAUTIONS
ELECTROSTATIC SENSITIVE
DEVICES

Environmental Conditions:

Parameter	Min	Typ	Max	Units
Operating Temperature	0		+50	°C
Non-operating Temperature	-45		+125	°C
Relative humidity		95		%
Altitude	50,000			feet
Shock / Vibration(MIL-STD-810F)	25g rms (15 degree 2KHz) endurance, 1 hour per axis			
Shock(non operating)	20G for 11msc half sin wave,3 axis both directions			

Ordering Information:

Part Number	Description	Revision
TMPA-085135-1622-08	Power Amplifier,85-135 GHz, Gain:17 dB Typ,Psat:22 dBm Typ,9V DC,WR-08	Rev.1.1