

Model: TMPA-060090-2322-12
Power Amplifier
60-90 GHz, Gain:23 dB,Psat:22.5 dBm
Feature:

- Frequency Range:60-90 GHz
- Gain:23 dB Typ
- Output Power Psat:22.5 dBm Typ
- Good Power and Gain Flatness

Electrical Specifications:

Parameter	Min	Typ	Max	Units
Frequency range	60-90			GHz
Gain	20	23		dB
Output Psat	19.5	22.5	25	dBm
Input VSWR		2.2		:1
Output VSWR		2.2		:1
DC Voltage		5		V DC
DC Supply Current		900		mA

Mechanical Specifications:

Parameter	Value	Units
Input /Output Connector	WR-12/UG-387/U	
DC Bias	Solder Pin	
Size	58*56.2*40	mm
Weight	/	g

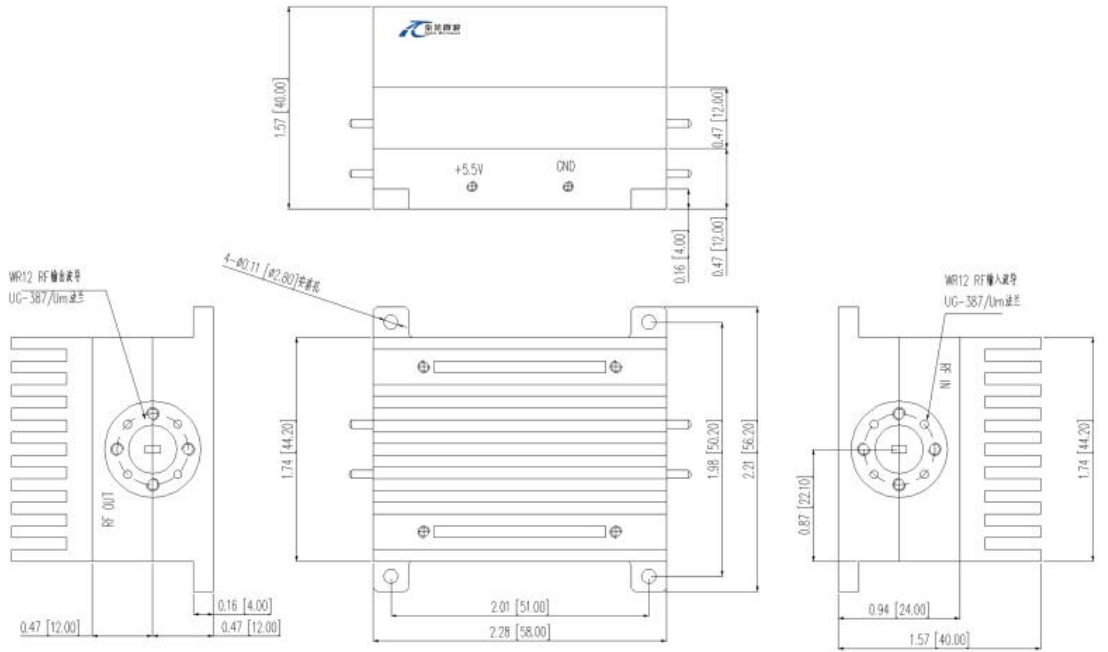
Absolute Maximum Ratings:

Parameter	Value
Supply Bias Voltage	TBD
RF Input Power	17dBm
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		+60	°C
Non-operating Temperature	-55		+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-060090-2322-12	Power Amplifier,60-90 GHz, Gain:23 dB Typ,Psat:22.5 dBm Typ,5V DC,WR-12	Rev.1.1

Typical Performance Data:

Output Power vs Frequency

