

Model: TMPA-065090-2016-12
Power Amplifier
65-90 GHz, Gain:20 dB,Psat:15 dBm
Feature:

- Frequency Range:65-90 GHz
- Gain:20 dB Typ
- Output Power Psat:15 dBm Typ
- Good Power and Gain Flatness

Electrical Specifications:

Parameter	Min	Typ	Max	Units
Frequency range	65-90			GHz
Gain		20		dB
Output Psat		15		dBm
Input VSWR		2		:1
Output VSWR		2		:1
DC Voltage		5		V DC
DC Supply Current		1500		mA

Mechanical Specifications:

Parameter	Value	Units
Input /Output Connector	WR-12/UG-387/U	
DC Bias	Solder Pin	
Size	54*64*48	mm
Weight	/	g

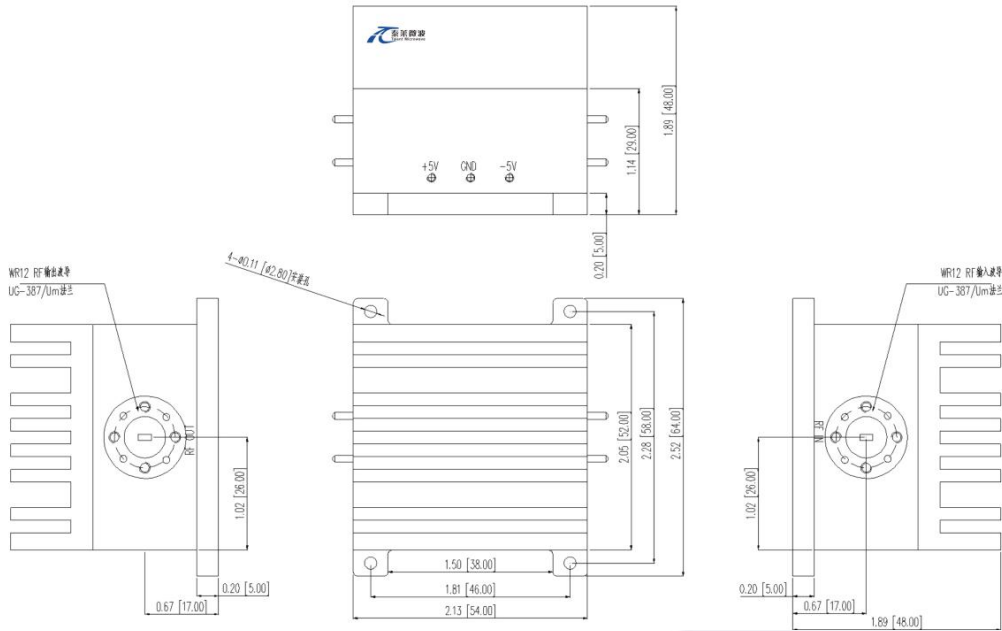
Absolute Maximum Ratings:

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


**Available 220V System
 Benchtop Amplifier**

Outline Drawing:

Unit: mm(Inches)



Environmental Conditions:



OBSERVE PRECAUTIONS
ELECTROSTATIC SENSITIVE
DEVICES

Parameter	Min	Typ	Max	Units
Operating Temperature	-10		+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-065090-2016-12	Power Amplifier,65-90 GHz, Gain:20 dB Typ,Psat:15 dBm Typ,5V DC,WR-12	Rev.1.1