

Model: TMPA-075086-2316-12
Power Amplifier
75-86 GHz, Gain:23 dB,Psat:16 dBm
Feature:

- Frequency Range:75-86 GHz
- Gain:23 dB Typ
- Output Power Psat:16 dBm Typ
- Good Power and Gain Flatness

Electrical Specifications:

Parameter	Min	Typ	Max	Units
Frequency range	75-86			GHz
Gain		23		dB
Output Psat		16		dBm
Input VSWR		2		:1
Output VSWR		2		:1
DC Voltage	-4	5		V DC
DC Supply Current	20	250		mA

Mechanical Specifications:

Parameter	Value	Units
Input /Output Connector	WR-12/UG-387/U	
DC Bias	Solder Pin	
Size	50*30*29	mm
Weight	/	g

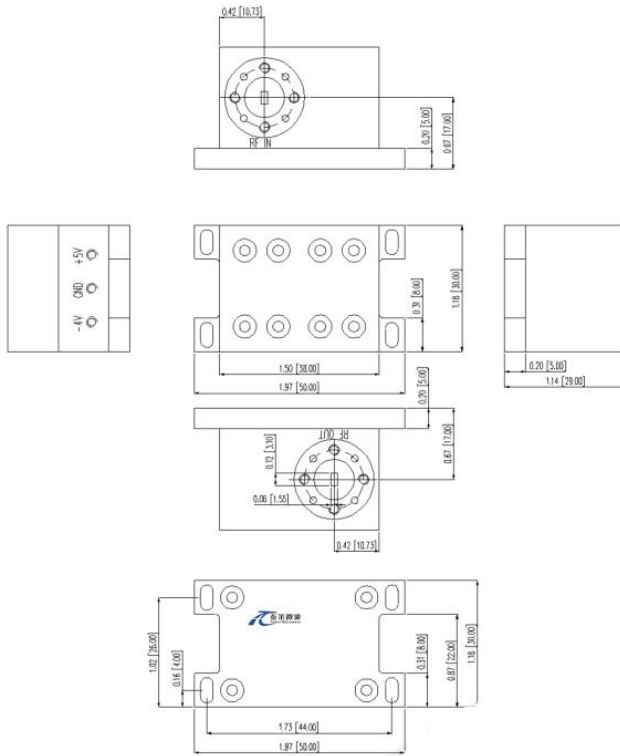
Absolute Maximum Ratings:

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)



OBSERVE PRECAUTIONS
ELECTROSTATIC SENSITIVE
DEVICES

Environmental Conditions:

Parameter	Min	Typ	Max	Units
Operating Temperature	-10		+40	°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-075086-2316-12	Power Amplifier,75-86 GHz, Gain:23 dB Typ,Psat:16 dBm Typ,5V DC,WR-12	Rev.1.1