

Model: TMPA-055066-1823-15
Power Amplifier
55-66 GHz, Gain:18 dB,Psat:23 dBm
Feature:

- Frequency Range:55-66 GHz
- Gain:18 dB Typ
- Output Power Psat:23 dBm Typ
- Good Power and Gain Flatness

Electrical Specifications:

Parameter	Min	Typ	Max	Units
Frequency range	55-66			GHz
Gain		18		dB
Output Psat		23		dBm
Input VSWR		3		:1
Output VSWR		3		:1
DC Voltage		5		V DC
DC Supply Current		1500		mA

Mechanical Specifications:

Parameter	Value	Units
Input /Output Connector	WR-15/UG-385/U	
DC Bias	Solder Pin	
Size	95*90*36	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		+65	°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-055066-1823-15	Power Amplifier,55-66 GHz, Gain:18 dB Typ,Psat:23 dBm Typ,5V DC,WR-15	Rev.1.1