

Model:TMAM-200230-0211-04

Active Frequency Multiplier X2,200-230 GHz, 11 dBm Output Power

Feature:

- Output Frequency: 200-230 GHz
- Output Power : 11dBm Typ
- Low power consumption

Electrical Specifications:

Parameter	Min	Typ	Max	Units
Output Frequency	200		230	GHz
Output Power	10	11	12	dBm
Input Frequency	100		115	GHz
Input Power	10		12	dBm
Multiply Factor		2		Time
DC Voltage		7		V
DC Supply Current		190		mA

Mechanical Specifications:

Parameter	Value	Units
Output Connector	WR-04/UG-387/U	
Input Connector	WR-10/UG-387/U	
DC Bias	Solder Pin	
Size	35*40*22	mm

Absolute Maximum Ratings:

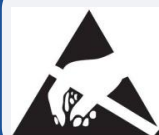
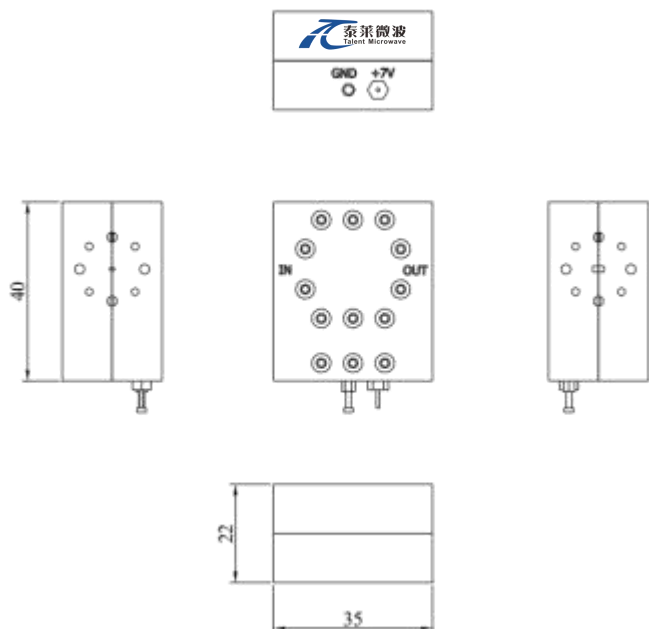
Parameter	Value
Supply Bias Voltage	+10V
RF Input Power	+15 dbm
ESD sensitivity (HBm)	Class 0, passed 150V



Available 220V System
Benchtop Amplifier

Outline Drawing:

Unit: mm



OBSERVE PRECAUTIONS
ELECTROSTATIC SENSITIVE
DEVICES

Environmental Conditions:

Parameter	Min	Typ	Max	Units
Operating Temperature	-55		+85	°C
Non-operating Temperature	-65		+150	°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
TMAM-200230-0211-04	Active Multiplier,X2,200-230GHz, Output Power:11dBm,WR-04/UG-387/U,WR-10/UG-387/U	Rev.1.1

Typical Performance Data:

Output Power vs Frequency

