

Model:TMAM-033050-04115-22

**Active Frequency Multiplier,
X4,33-50GHz, 15dBm Output Power**

Feature:

- Output Frequency:33-50GHz
- Output Power :15dBm Typ
- Low power consumption

Electrical Specifications:

Parameter	Min	Typ	Max	Units
Output Frequency	33		50	GHz
Output Power		15		dBm
Input Frequency	8.25		12.5	GHz
Input Power	3	7	5	dBm
Multiply Factor		4		Time
Input VSWR		2		:1
Output VSWR		2		:1
DC Voltage		6		V
DC Supply Current		700		mA

机Mechanical Specifications:

Parameter	Value	Units
Output Connector	WR-22/UG-383/U	
Input Connector	SMA Female	
DC Bias	Solder Pin	
Size	70*24*50(With Heatsink) 70*48*50(Without Heatsink)	mm

Absolute Maximum Ratings:

Parameter	Value
Supply Bias Voltage	/
RF Input Power	7dBm
ESD sensitivity (HBm)	Class 0, passed 150V



**Available 220V System
Benchtop Amplifier**

Outline Drawing:

Unit: mm

Environmental Conditions:



OBSERVE PRECAUTIONS
ELECTROSTATIC SENSITIVE
DEVICES

Parameter	Min	Typ	Max	Units
Operating Temperature	-10		+65	°C
Non-operating Temperature	-25		+75	°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-033050-0415-22	Active Multiplier,X4,33-50GHz, Output Power:15dBm,WR-22/UG-383/U,SMA Female	Rev.1.1