

Model:TMAM-071076-0220-12

Active Frequency Multiplier, X2,71-76GHz, 20dBm Output Power

Feature:

- Output Frequency:71-76GHz
- Output Power :20 dBm Typ
- Low power consumption

Electrical Specifications:

Parameter	Min	Typ	Max	Units
Output Frequency	71		76	GHz
Output Power		20		dBm
Input Frequency	35.5		38	GHz
Input Power		0		dBm
Multiply Factor		2		Time
DC Voltage	12			V
DC Supply Current		450		mA

Mechanical Specifications:

Parameter	Value	Units
Output Connector	WR-12/UG-387/U	
Input Connector	2.92mm Female	
DC Bias	Solder Pin	
Size	39*26*20	mm

Absolute Maximum Ratings:

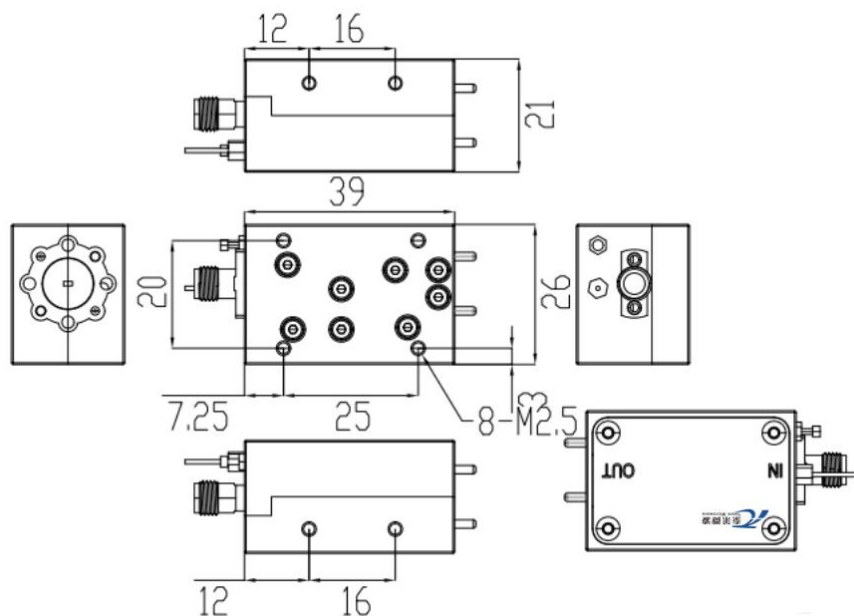
Parameter	Value
Supply Bias Voltage	13V
RF Input Power	5dBm
ESD sensitivity (HBm)	Class 0, passed 150V



Available 220V System
Benchtop Amplifier

Outline Drawing:

Unit: mm



OBSERVE PRECAUTIONS
ELECTROSTATIC SENSITIVE
DEVICES

Environmental Conditions:

Parameter	Min	Typ	Max	Units
Operating Temperature	-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-071076-0220-12	Active Multiplier,X2,71-76GHz, Output Power:20dBm,WR-12/UG-387/U,2.92mm Female	Rev.1.1