

Model:TMAM-075110-0603-10

**Active Frequency Multiplier,
X6,75-110 GHz, 5 dBm Output Power**

Feature:

- Output Frequency:75-110 GHz
- Output Power : 5 dBm Typ
- Low power consumption

Electrical Specifications:

Parameter	Min	Typ	Max	Units
Output Frequency	75		110	GHz
Output Power	3	5		dBm
Input Frequency	12.5		18.33	GHz
Input Power	1	3	5	dBm
Multiply Factor		6		Time
DC Voltage		5		V
DC Supply Current		220		mA

Mechanical Specifications:

Parameter	Value	Units
Output Connector	WR-10/UG-387/U	
Input Connector	SMA Female	
DC Bias	Solder Pin	
Size	48*42*24	mm

Absolute Maximum Ratings:

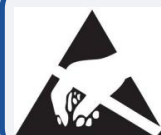
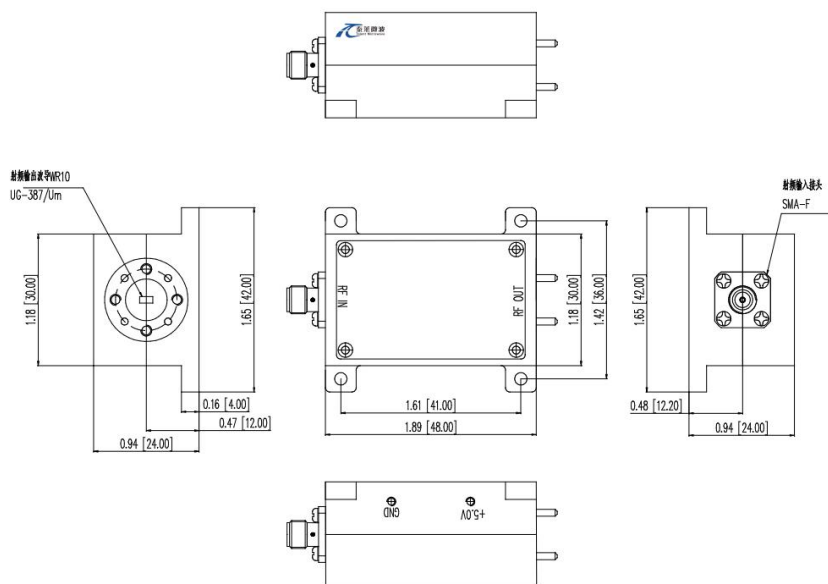
Parameter	Value
Supply Bias Voltage	5V
RF Input Power	5dBm
ESD sensitivity (HBm)	Class 0, passed 150V



**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	-45		+85	°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-075110-0603-10	Active Multiplier,X6,75-110GHz, Output Power:5dBm,WR-10/UG-387/U,SMA Female	Rev.1.1