

Model:TMAM-110150-0310-06

110-150 GHz X3 Active Frequency Multiplier ,
+8 dBm Output Power,WR-06

Feature:

- Output Frequency:110-150 GHz
- Output Power : 8 dBm Typ
- Low power consumption

Electrical:

Parameter	Min.	Typ.	Max.	Units
Output Frequency	110		150	GHz
Output Power		8		dBm
Input Frequency	36.7		50	GHz
Input Power		+4		dBm
Multiply Factor		4		dB
DC Voltage		+7		V
DC Supply Current		700		mA

Mechanical :

Parameter	Value	Units
Output Connector	WR-06 UG-387/U	
Input Connector	2.4mm Female	
Bias	Solder Pin	
Size	160×127×74.6	mm



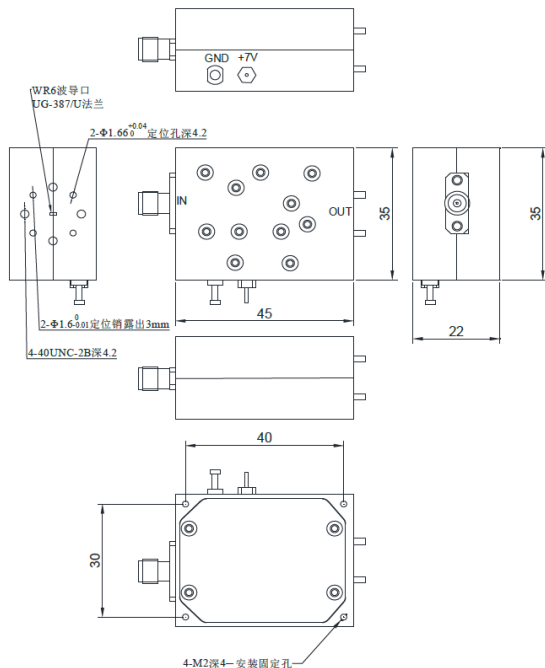
Available 220V System
Benchtop Amplifier

Absolute Maximum Ratings:

Parameter	Value
Supply Bias Voltage	7 V
RF Input Power	+10dbm
ESD sensitivity (HBm)	Class 0, passed 150V

Outline Drawing:

Unit: mm



OBSERVE PRECAUTIONS
ELECTROSTATIC SENSITIVE
DEVICES

Environmental Conditions:

Parameter	Min.	Typ.	Max.	Units
Operating Temperature	10		40	°C
Non-operating Temperature	0		+65	°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-110150-0310-06	110-150 GHz X3 Active Frequency Multiplier , +8 dBm Output Power,WR-06 ,SMA (F) Input Port r	Rev.1.1