

Model:TMAM-055085-0616-12

Active Frequency Multiplier, X6,55-85GHz, 16dBm Output Power

Feature:

- Output Frequency:55-85GHz
- Output Power :16 dBm Typ
- Low power consumption

Electrical Specifications:

Parameter	Min	Typ	Max	Units
Output Frequency	55		85	GHz
Output Power	13	16	18	dBm
Input Frequency	9.167		14.167	GHz
Input Power	2	3	5	dBm
Multiply Factor		6		Time
Harmonic		-17		dBc
Input Return Loss		10		dB
Output VSWR		8		: 1
DC Voltage	12			V
DC Supply Current		350		mA

Mechanical Specifications:

Parameter	Value	Units
Output Connector	WR-12/UG-387/U	
Input Connector	SMA Female	
DC Bias	Solder Pin	
Size	58*47*24	mm

Absolute Maximum Ratings:

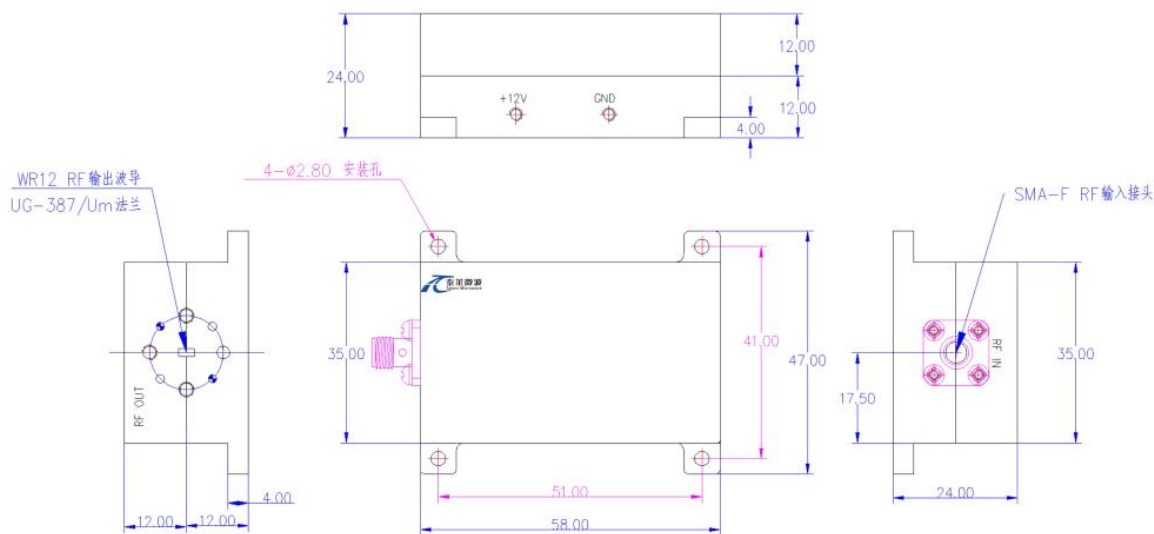
Parameter	Value
Supply Bias Voltage	TBD
RF Input Power	5dBm
ESD sensitivity (HBm)	Class 0, passed 150V



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-055085-0616-12	Active Multiplier,X6,55-85GHz, Output Power:16dBm,WR-12/UG-387/U,SMA Female	Rev.1.1