

Model:TMAM-040060-0415-19

Active Frequency Multiplier, X4,40-60GHz, 15dBm Output Power

Feature:

- Output Frequency:40-60GHz
- Output Power :15dBm Typ
- Low power consumption

Electrical Specifications:

Parameter	Min	Typ	Max	Units
Output Frequency	40		60	GHz
Output Power		15		dBm
Input Frequency	10		15	GHz
Input Power	3	5	7	dBm
Multiply Factor		4		
Input VSWR		2		:1
Output VSWR		2		:1
DC Voltage		8.5		V
DC Supply Current		220		mA

Mechanical Specifications:

Parameter	Value	Units
Output Connector	WR-19/UG-383/U	
Input Connector	SMA Female	
DC Bias	Solder Pin	
Size	58*24*35	mm

Absolute Maximum Ratings:

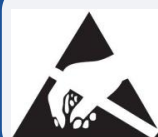
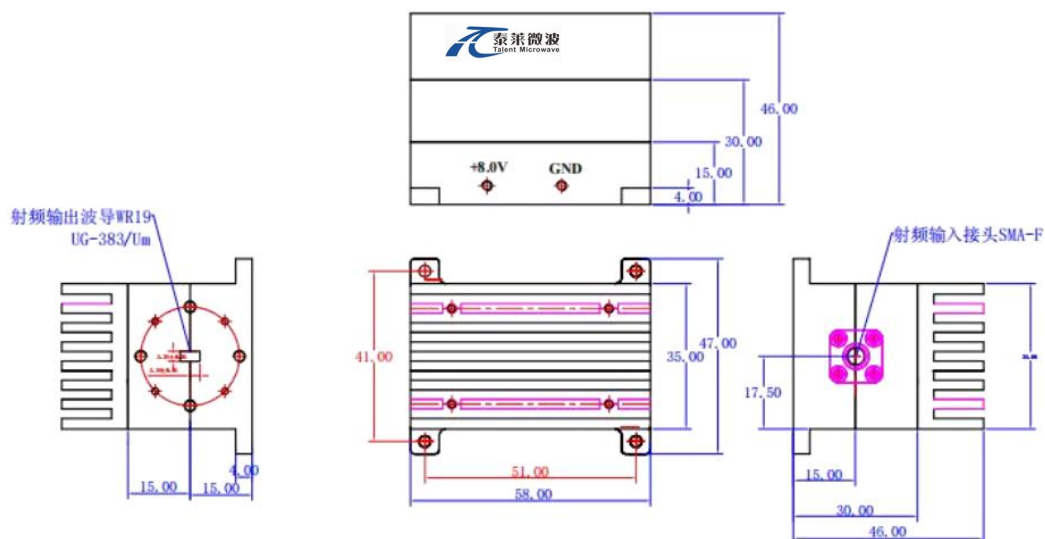
Parameter	Value
Supply Bias Voltage	/
RF Input Power	7dBm
ESD sensitivity (HBm)	Class 0, passed 150V



Available 220V System
Benchtop Amplifier

Outline Drawing:

Unit: mm



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:

标Part Number	Description	Revision
TMAM-040060-0415-19	Active Multiplier,X4,40-60GHz, Output Power:15dBm,WR-19/UG-383/U,SMA Female	Rev.1.1