

Model:TMPM-120130-0215-08
Passive Frequency Tripler
X2,120-130 GHz,15 dBm Output Power
Feature:

- Output Frequency:120-130 GHz
- Output Power:15dBm Typ
- Compactness,High Power&Efficiency

Electrical Specifications:

Parameter	Min	Typ	Max	Units
Output Frequency	120		130	GHz
Input Frequency	60		65	GHz
Output Power		15		dBm
Input Power			26	dBm
Multiply Factor		2		

Mechanical Specifications:

Parameter	Value	Units
Output Connector	WR-08/UG-387/U	
Input Connector	WR-15/UG-385/U	
Size	24*19*19	mm

Absolute Maximum Ratings:

Parameter	Value
RF Input Power	26dBm
ESD sensitivity (HBm)	Class 0, passed 150V

Outline Drawing:

Unit: mm

Environmental Conditions:



OBSERVE PRECAUTIONS
ELECTROSTATIC SENSITIVE
DEVICES

Parameter	Min	Typ	Max	Units
Operating Temperature	0		+50	°C
Non-operating Temperature	-25		+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
TMPM-120130-0215-08	Passive Frequency Tripler X2,120-130GHz, 15dBm Output Power,WR-08	Rev.1.1