

Model:TPPM-110130-0220-08**Passive Frequency Tripler**
X2,110-130 GHz,20 dBm Output Power**Feature:**

- Output Frequency:110-130 GHz
- Output Power:20dBm Typ
- Compactness,High Power&Efficiency

Electrical Specifications:

Parameter	Min	Typ	Max	Units
Output Frequency	110	120	130	GHz
Input Frequency	55	60	65	GHz
Output Power		20		dBm
Input Power			27	dBm
Multiply Factor		2		

Mechanical Specifications:

Parameter	Value	Units
Output Connector	WR-08/UG-387/U	
Input Connector	WR-15/UG-385/U	
Size	17.5*19*19	mm

Absolute Maximum Ratings:

Parameter	Value
RF Input Power	27dBm
ESD sensitivity (HBm)	Class 0, passed 150V

Outline Drawing:

Unit: mm

Environmental Conditions:



OBSERVE PRECAUTIONS
ELECTROSTATIC SENSITIVE
DEVICES

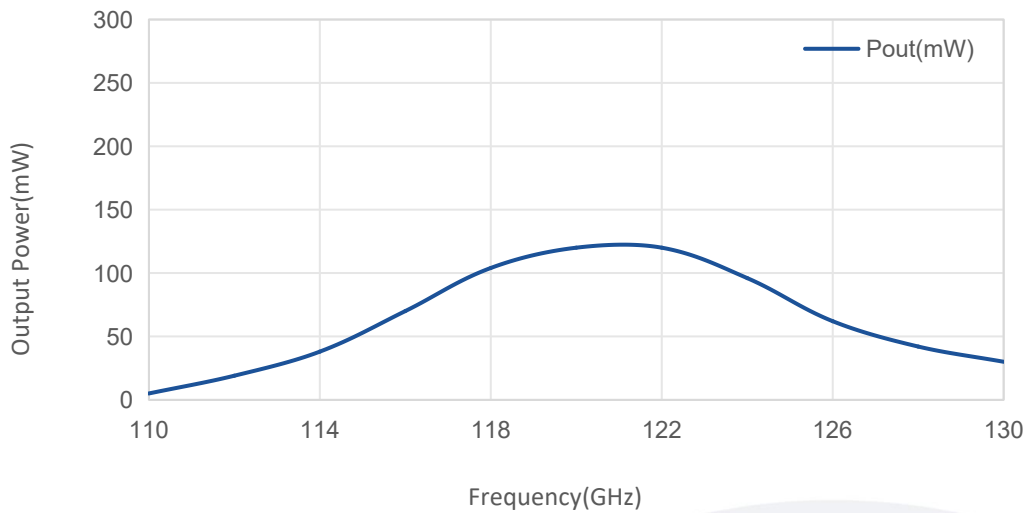
Parameter	Min	Typ	Max	Units
Operating Temperature	0		+50	°C
Non-operating Temperature	-25		+65	°C
Relative humidity		95		%
Altitude	50,000			feet
Shock / Vibration(MIL-STD-810F)	25g rms (15 degree 2KHz) endurance, 1 hour per axis			
Shock(non operating)	20G for 11msc half sin wave,3 axis both directions			

Ordering Information:

Part Number	Description	Revision
TMPM-110130-0220-08	Passive Frequency Tripler X2,110-130GHz, 20dBm Output Power,WR-08	Rev.1.1

Typical Performance Data:

Output Power vs Frequency



Output Power@Pin

