

Model:TPPM-220330-0307-3.4
**Passive Frequency Tripler
 X3,220-330 GHz,7 dBm Output Power**
Feature:

- Output Frequency:220-330 GHz
- Output Power :7dBm Typ
- Low power consumption

Electrical Specifications:

Parameter	Min	Typ	Max	Units
Output Frequency	220		330	GHz
Input Frequency	73.5		110	GHz
Output Power		7		dBm
Input Power			23	dBm
Multiply Factor		3		

Mechanical Specifications:

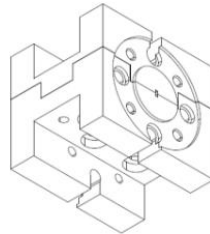
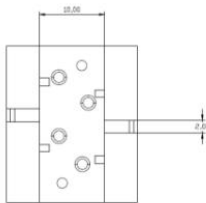
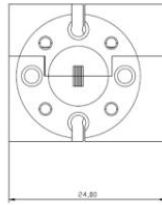
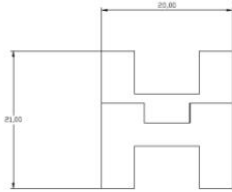
Parameter	Value	Units
Output Connector	WR-3.4/UG-387/U	
Input Connector	WR-10/UG-387/U	
Size	14*19*19	mm

Absolute Maximum Ratings:

Parameter	Value
RF Input Power	15dBm
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	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-220330-0307-3.4	Passive Frequency Tripler X3,220-330GHz, 7dBm Output Power,WR-3.4	Rev.1.1