

**Model:TMPM-288324-0206-3.4**
**Passive Frequency Tripler  
 X2,288-324 GHz,6 dBm Output Power**
**Feature:**

- Output Frequency:288-324 GHz
- Output Power :6dBm Typ
- Low power consumption

**Electrical Specifications:**

Parameter	Min	Typ	Max	Units
Output Frequency	288	304	324	GHz
Input Frequency	144	152	162	GHz
Output Power		6		dBm
Input Power			20	dBm
Multiply Factor		2		

**Mechanical Specifications:**

Parameter	Value	Units
Output Connector	WR-3.4/UG-387/U	
Input Connector	WR-6/UG-387/U	
Size	14*19*19	mm

**Absolute Maximum Ratings:**

Parameter	Value
Supply Bias Voltage	TBD
RF Input Power	20dBm
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-288324-0206-3.4	Passive Frequency Tripler X2,288-324GHz, 6dBm Output Power,WR-3.4	Rev.1.1