

**Model:TPM-230260-0323-3.4**
**Passive Frequency Tripler  
 X3,230-260 GHz,24 dBm Output Power**
**Feature:**

- Output Frequency:230-260 GHz
- Output Power :24dBm Typ
- Low power consumption

**Electrical Specifications:**

Parameter	Min	Typ	Max	Units
Output Frequency	230		260	GHz
Input Frequency	76.66		86.66	GHz
Output Power		24		dBm
Input Power	25		31	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	/	mm

**Absolute Maximum Ratings:**

Parameter	Value
RF Input Power	31dBm
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-230260-0323-3.4	Passive Frequency Tripler X3,230-260GHz, 23dBm Output Power,WR-3.4	Rev.1.1