

Model:TMPM-325348-0208-2.8
**Passive Frequency Tripler
 X2,325-348 GHz,8 dBm Output Power**
Feature:

- Output Frequency:325-348 GHz
- Output Power :8dBm Typ
- Low power consumption

Electrical Specifications:

Parameter	Min	Typ	Max	Units
Output Frequency	325		348	GHz
Input Frequency	162.5		174	GHz
Output Power		8		dBm
Input Power		17	23	dBm
Multiply Factor		2		

Mechanical Specifications:

Parameter	Value	Units
Output Connector	WR-2.8/UG-387/U	
Input Connector	WR-5/UG-387/U	
Size	14*19*19	mm

Absolute Maximum Ratings:

Parameter	Value
Supply Bias Voltage	TBD
RF Input Power	23dBm
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-325348-0208-2.8	Passive Frequency Tripler X2,325-348GHz, 8dBm Output Power,WR-2.8	Rev.1.1