

Model:TMPM-142156-0218-06
**Passive Frequency Tripler
 X2,142-156 GHz,18 dBm Output Power**
Feature:

- Output Frequency:142-156 GHz
- Output Power:18dBm Typ
- Compactness,High Power&Efficiency

Electrical Specifications:

Parameter	Min	Typ	Max	Units
Output Frequency	142		156	GHz
Input Frequency	71		78	GHz
Output Power		18		dBm
Input Power			27	dBm
Multiply Factor		2		

Mechanical Specifications:

Parameter	Value	Units
Output Connector	WR-06/UG-387/U	
Input Connector	WR-12/UG-387/U	
Size	17.5*19*19	mm

Absolute Maximum Ratings:

Parameter	Value
RF Input Power	26dBm
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-142156-0218-06	Passive Frequency Tripler X2,142-156GHz, 18dBm Output Power,WR-06	Rev.1.1