

Model:TPPM-110170-0208-06**Passive Frequency Tripler**
X2,75-110 GHz,8 dBm Output Power**Feature:**

- Output Frequency:110-170 GHz
- Output Power:8dBm Typ
- Compactness,High Power&Efficiency

Electrical Specifications:

Parameter	Min	Typ	Max	Units
Output Frequency	110		170	GHz
Input Frequency	55		85	GHz
Output Power		8		dBm
Input Power		23	24	dBm
Multiply Factor		2		
Harmonic		-20		dBc

Mechanical Specifications:

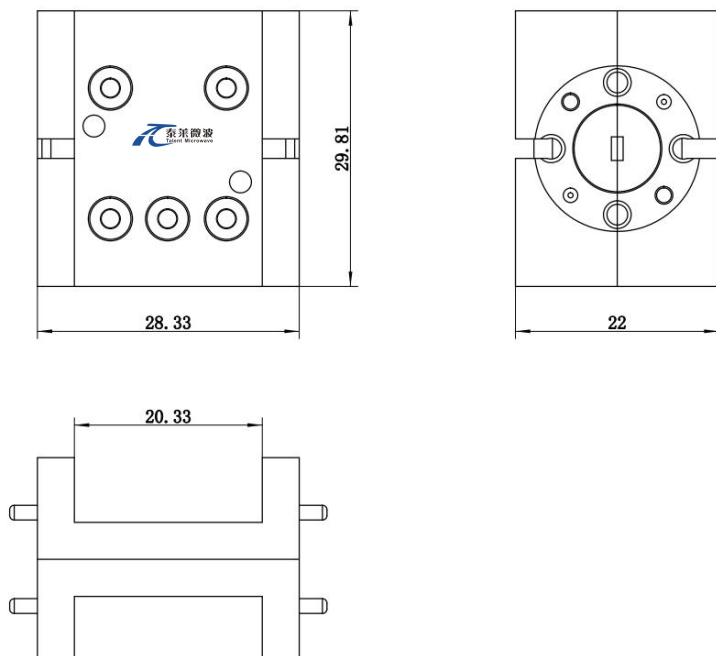
Parameter	Value	Units
Output Connector	WR-6.5/UG-387/U	
Input Connector	WR-12/UG-387/U	
Feed	SMA Female	
Material	Aldary	
Finish	Gold plating	
Size	29.81*28.33*22	mm

Absolute Maximum Ratings:

Parameter	Value
RF Input Power	24 dBm
ESD sensitivity (HBm)	Class 0, passed 150V

Outline Drawing:

Unit: mm



OBSERVE PRECAUTIONS
ELECTROSTATIC SENSITIVE
DEVICES

Environmental Conditions:

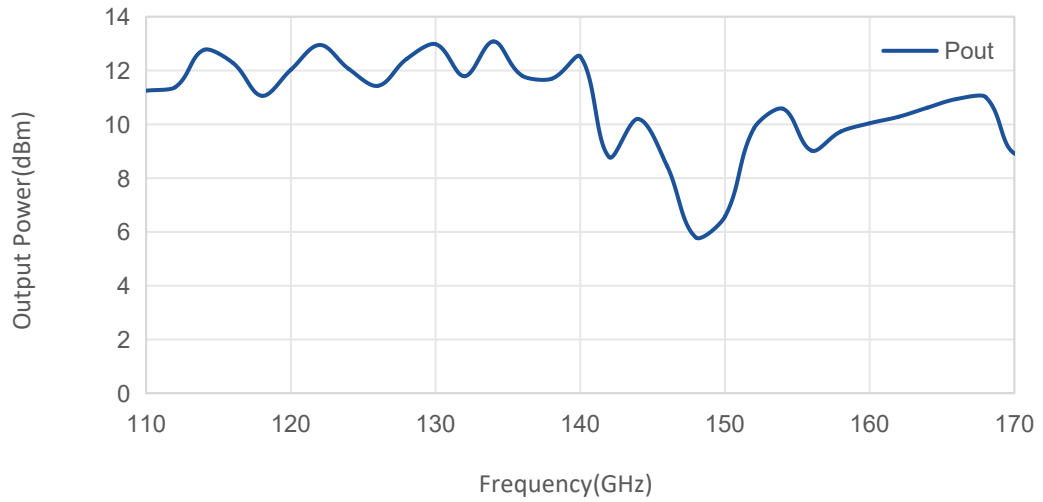
Parameter	Min	Typ	Max	Units
Operating Temperature	-10		+65	°C
Non-operating Temperature	-25		+75	°C
Relative humidity		95		%
Altitude	10,000			feet
Shock / Vibration(MIL-STD-810F)	25g rms (15 degree 2KHz) endurance, 1 hour per axis			
Shock(non operating)	20G for 11msc half sin wave,3 axis both directions			

Ordering Information:

Part Number	Description	Revision
TMPM-110170-0208-06	Passive Frequency Tripler X2,110-170GHz, 8dBm Output Power,WR-6.5	Rev.1.1

Typical Performance Data:

Output Power vs Frequency



Note: Above data is for ref only, actual data may vary from unit to unit depending on operating environment and other factors like material lots etc.