

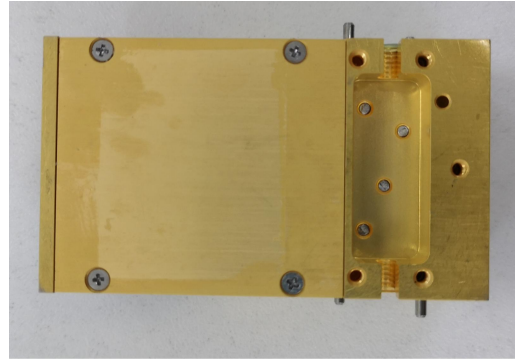
MAM100110-G15P24 Power Amplifier

Features

- GaN Power Amplification
- Psat: 24dBm
- Built-in voltage regulator circuit

Applications

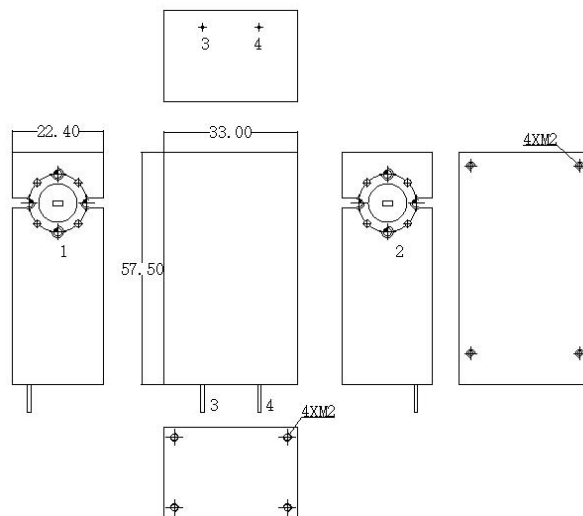
- Instruments and meters
- Terahertz Transceiver Systems



Electrical Specifications Table

Parameter	Condition ($T_A=25^{\circ}\text{C}$)	Limit			Unit	
		Min.	Typ.	Max.		
1.Frequency	V1=+16V	100		110	GHz	
2.Gain			15		dB	
3.Psat				24		dBm
4.Input Port				WR-10		
5.Output Port				WR-10		
6.Current				390		mA

Outline Drawing



Output Power Data Table

Frequency (GHz)	Output Power (dBm)	Frequency (GHz)	Output Power (dBm)
100	24.4	106	24.6
101	24.5	107	24.8
102	24.3	108	24.9
103	24.4	109	24.5
104	24.8	110	24.1
105	24.8		