

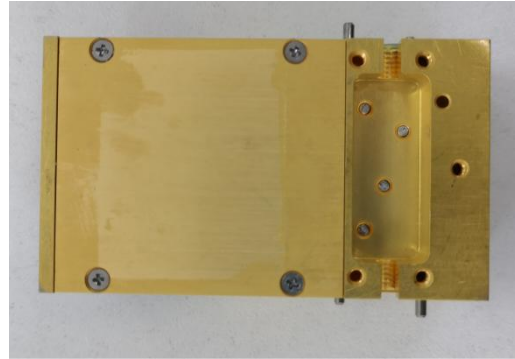
## MAM075086-G30P25 Power Amplifier

### Features

- Power Amplification
- Psat: 25dBm
- Built-in voltage regulator circuit

### Applications

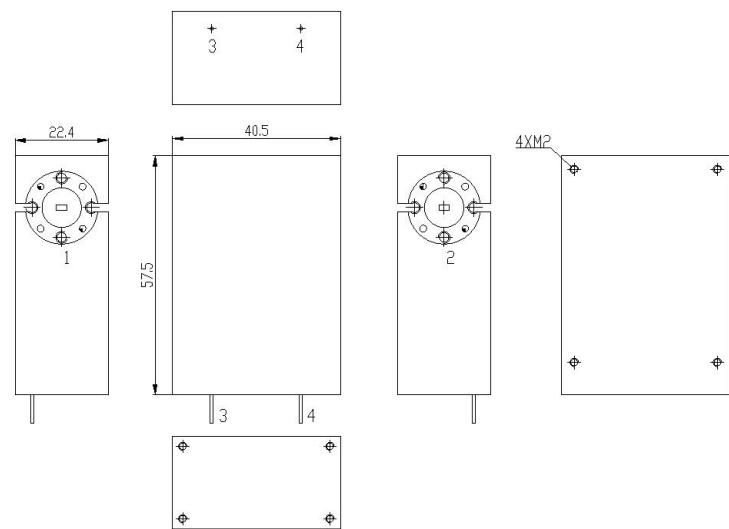
- Instruments and meters
- Terahertz Transceiver Systems



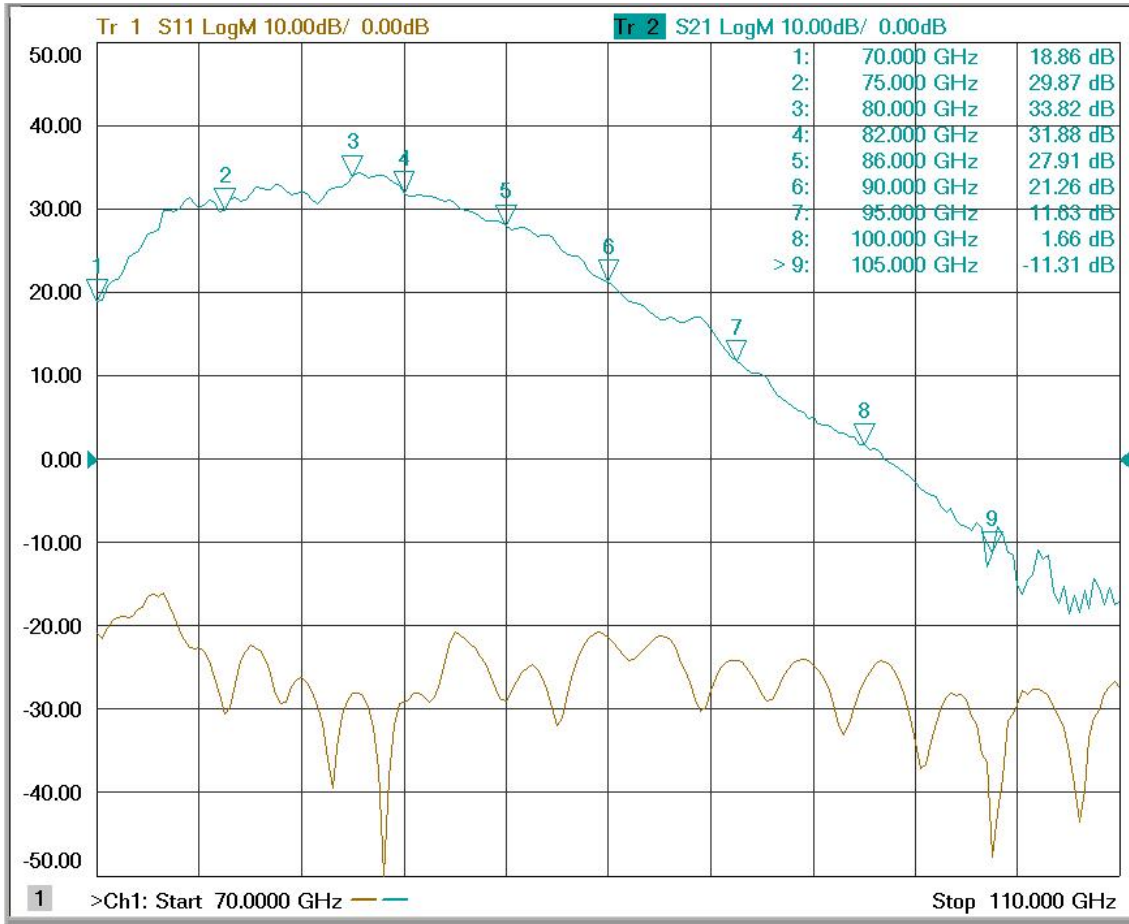
### Electrical Specifications Table

Parameter	Condition ( $T_A=25^\circ\text{C}$ )	Limit			Unit
		Min.	Typ.	Max.	
1.Frequency	V1=+5V	75		86	GHz
2.Gain			30		dB
3.Psat			25		dBm
4.Input Port			WR-10		
5.Output Port			WR-10		
6.Current			890		mA

### Outline Drawing



### Gain vs. Frequency Curve



### Output Power Data Table

Frequency (GHz)	Output Power (dBm)	Frequency (GHz)	Output Power (dBm)
75	24.3	81	25.1
76	24.8	82	25.3
77	25.2	83	25.1
78	25.2	84	24.7
79	25.1	85	23.8
80	25	86	23.2

### Input Power vs. Output Power Curve

